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Lancaster Farming

VOL. 30 No. 30 | Five Sections | Lancaster Farming, Saturday, June 1, 1985 | $7.50 per Year

PennMar seeks support to buy packing plant

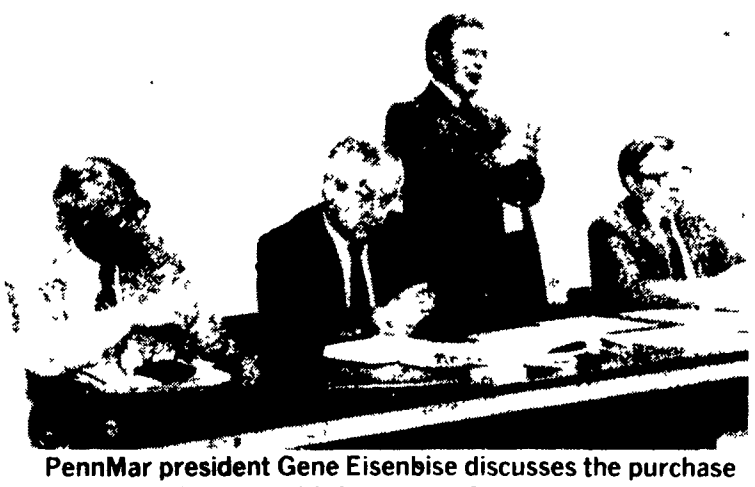
BY JACK HUBLEY

LANCASTER — United we stand. And divided, we're out of the hog business. This message rang loud and clear at a meeting held by the Pennsylvania Farmers Association's marketing division, PACMA, and the newly formed PennMar Cooperative at Lancaster's Farm and Home Center on Wednesday night.

"If you're going to exist as an individual farm, you're going to have to compete with the big integrators," PennMar president Gene Eisenbise told Lancaster County hog producers. "And you can become your own integrator by joining with other farmers."

Eisenbise emphasized that pork producers hoping to earn a living strictly on the production end faced a bleak future. Farmers willing to become involved in the processing and marketing of their product would be the survivors, he said.

And the PennMar Cooperative offers one avenue of involvement, Eisenbise pointed out. Organized in Selinsgrove three months ago, PennMar's mission is the purchase of the Shamokin Packing Company.



PennMar president Gene Eisenbise discusses the purchase of Shamokin Packing with Lancaster County hog producers Seated are PennMar financial advisor John Cole (left), and Royal Palmer and Howard Goss of PACMA

According to Eisenbise, PennMar has an agreement to buy the plant for $1 million, a figure that includes $750,000 for the building, plus $250,000 for trucks and inventory.

An additional $450,000 will be needed for improvements to the facility, comprised mostly of additional freezer space to bring the plant up to capacity. And $300,000 will be slated for a research and development fund and a contingency fund. A $1 million open line of credit will also be established, bringing the total package to $2.75 million, according to PennMar financial advisor John Cole.

One big advantage in acquiring the Shamokin plant is that the co-op won't be resurrecting a dead horse, according to PACMA's director of marketing development Howard Goss. The Shamokin plant is a profitable concern, says Goss, and generates about $14 million-worth of business annually. Zoning, sewer and water are all adequate, Goss added.

PennMar reports that 27 producers have already bought into the program by purchasing one share of common stock at $1,000. But additional investors are needed, and Eisenbise estimates that a total of 100 producer-members will be able to keep the plant running at capacity, based on the co-op's preliminary estimates of average per-farm market hog production. The Shamokin plant can handle 600 hogs and 30 cattle a day, Goss said.

In addition to a share of common stock, producers will be required to buy commodity stock in order to market their animals. The fee will be $1 per hog and $5 per steer marketed. Goss emphasized that

(Turn to Page A38)

'Target' vs. 'Shotgun'

USDA weighs approach to ag export credits

BY JAMES H. EVERHART

WASHINGTON — Controversy continues to swirl around the topic of agricultural exports, as the USDA prepares to announce its program to use U.S. ag surplus stocks as bonuses to encourage other countries to buy our farm commodities.

Although originally indicating satisfaction with the Administration plan, the American Farm Bureau is now expressing considerable anxiety over indications that the USDA will be pressured into accepting a "shotgun" approach that would "dump" U.S. surplus commodities on the international market.

Instead, Farm Bureau officials said, the nation's largest farm organization favors a plan to target bonus commodities to those markets where the U.S. has lost its trading share as a result of unfair trading practices of competitors.

"If we change the original purpose of the program, which is to recapture markets lost because of export subsidies, we will wreak havoc with international farm trade," said AFB President Robert Delano.

Delano, who returned recently from a trade mission to Australia, New Zealand, Singapore and Indonesia, said our Pacific allies are worried about the program outlined by USDA last week.

"They are concerned that we will dump our surpluses on world markets, which would depress world prices further and hurt those

(Turn to Page A33)

INPUTS: The things that go into dairying

LANCASTER — Once again, Lancaster Farming launches its exclusive coverage of the dairy industry, in recognition of National Dairy Month.

Coverage this week will deal with "Inputs," or the raw materials that are needed to maintain a successful dairy operation.

We've attempted to take a look at the less obvious requirements – like capital, knowledge and labor – as well as the more widely acknowledged inputs like grain and feed.

In succeeding weeks, we'll deal with many other dairy topics like production, genetics, breeding, pricing, marketing, products and promotion.

In each, we'll try to provide coverage that is comprehensive and, yet, specific. . . dealing with the larger issues as well as the more specialized concerns of individual dairymen.

Here's a rundown of the stories presented in this week's edition:

• **Labor:** Paul and Dave Countryman of Somerset County have a new worker in their 80-cow barn — the first Farmtronix computerized stanchion feeder installed in the East. For more on their interesting operation, turn to page D2.

• **Crops:** Many of the region's top dairymen have received a lot of advice and assistance over the years from local Crop Management Associations. CMAs assist local farmers with duties as varied as insect, disease and weed control, seeding, fertilizer requirements and a host of other issues. For more, turn to page D12.

• **Feed:** Can a dairyman make a "go" of it by purchasing all his feed? David Dum thinks so, and, as a result, he's had more time to devote to cow-oriented tasks — and opportunities. Read more on Dum's Lancaster County operation on page D20.

• **Capital:** Jim and Norma Warner of York County have proved that you can build a dairy barn without going into hock. After years of following a philosophy of "don't buy it unless you have the money," they have a full-fledged dairy operation. For more on the Warners and their "dream-come-true," turn to page A22.

• **Housing:** Dry-cow handling has been a concern of the Smyser brothers in York County for years. They recently solved some of these problems by building an attractive, airy, dry cow and maternity barn. Turn to page A20 for more on their efforts.

• **Knowledge:** With the dairy business' growing complexity, there's a need for well trained and educated dairy professionals. Kim Stroud, Kathy Strock, Nancy Jarrett and Sylvia Cooper have received training at the area's top ag schools, and are making varied contributions to the industry. Read about these dynamic ag women on page B2.

Other stories of interest to dairymen include dairy princess activities and an interview with Pennsylvania Dairy Princess Lynette Loper. Readers can find those stories in Lancaster Farming's B section.

Once again, Lancaster Farming will publish dairy- and milk-oriented recipes throughout dairy month. Readers who send in a recipe will receive a free gift, in appreciation. Please address all recipes to the Home Editor, in care of Lancaster Farming.

JUNE IS DAIRY MONTH

Week 1:

Inputs

Labor ..... D 2
Crops D12
Grain D20
Housing A20
Capital A22
Knowledge.... B 2

at Lancaster Farming

Livestock market and auction news

Lancaster Market

Monday, May 27
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Today	1444	53	1004	588	
Last Monday	1893	131	839	998	
Last Year	1396	44	1050	644	
Monday's Auction	1483	53	981	466	232
Last Monday's Auction	2058	147	797	580	407

CATTLE: 1.00-1.50 lower than last Monday.

COWS: .50 higher than last Monday.

HOGS: Steady with Monday's market; 210-230 lbs., 45.00-46.50; over 250, 44.00-45.00.

Vintage Market

Tuesday, May 28
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1440	616	15	0
Last Tuesday	1190	592	30	0
Last Year	1509	726	19	11

CATTLE: Compared to last Tuesday's close; slaughter steers 50-1.00 higher, with most advance on Choice and Prime; slaughter heifers not tested; cows 50-75 higher; bulls not tested. Supply included 83 percent slaughter steers and 15 percent cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1100-1400 lb. 56.00-58.75, several 58.85-60.50; high Choice and Prime 3-4 1300-1450 lb. 55.00-56.00; Good and Choice 1-2 1190-1510 lb. 58.00-61.75, 10 head 62.00-63.35; Choice 2-4 1200-1410 lb. 56.00-58.50; high Good and low Choice 2-3 1125-1410 lb. 52.00-55.50; Good and Choice 1100-1555 lb. Holsteins 49.60-53.10, few Good 1200-1480 lb. 47.75-49.00.

SLAUGHTER HEIFERS: Insufficient volume to test market.

COWS: Breaking Utility and Commercial 2-4 41.75-45.25, few 46.00-46.75, individual 48.50; Cutter and Boning Utility 1-3 40.50-44.00, few 44.25-45.00; Canner and low Cutter 37.75-40.50.

BULLS: Insufficient volume to test market.

VEAL CALVES: Vealers unevenly steady. Supply included 531 in graded sale of which 85 percent sold to return to farm.

VEALERS: Couple Choice 170-240 lb. 85.00-91.00, 135-155 lb. 81.00-84.00; high Good and low Choice 120-290 lb. scarce, 80-115 lb. 56.00-61.00, 60-80 lb. 50.00-55.00.

RETURNED TO FARM: 90 head 90-115 lb. Holstein heifers 58.00-62.00. 28 head 120-125 lb. Holstein bulls 80.00-81.00, 161 head 100-115 lb. 85.00-89.00, 2 head 90-95 lb. 70.00-71.00; 20 head small frame 115-120 lb. 74.00-75.00, 163 head 90-105 lb. 55.00-62.00.

SHEEP: Insufficient volume to test market; few Choice 40-65 lb. spring lambs 76.00-84.00; few Utility and Good slaughter ewes 20.00-27.00.

GOATS: None.

Lancaster Auction

Wednesday, May 29
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	740	25	387	0
Last Wednesday	835	18	587	15
Last Year	432	40	792	0
Wednesday's Auction	661	23	331	0
Last Wednesday's Auction	731	42	570	15

CATTLE: Compared to last Wednesday slaughter steers steady to 1.00 higher, mostly .50 higher; no comparison available for slaughter heifers; small supply cows 1.00 lower; bulls .50-1.00 lower. Supply included 89 percent slaughter steers of which 520 sold in the load lot sale.

SLAUGHTER STEERS: High Choice and Prime 2-4 1140-1420 lb. 56.00-57.60, 3-4 1120-1400 lb. 55.00-56.60, 1478-1628 lb. 52.75-53.75; Choice 2-4 1140-1400 lb. 56.00-57.50; Choice 1-2 1280-1385 lb. 56.50-57.25; Good and Choice 2-3 1100-1500 lb. 51.00-54.50; high Good and low Choice 1200-1520 lb. Holsteins 48.75-51.00.

SLAUGHTER HEIFERS: Good and Choice 1-2 1070-1310 lb. 52.75-54.75, 830-1040 lb. 49.50-52.00.

COWS: Breaking Utility and Commercial 2-4 41.00-43.25, couple 44.00-46.00; Cutter and Boning Utility 1-3 38.75-41.00.

BULLS: Yield grade 1-2 1460-1875 lb. 48.00-51.25.

VEAL CALVES: Insufficient volume to test market.

SHEEP: No market test.

New Holland Livestock

Thursday, May 30

	Cattle	Calves	Sheep	Goats
Today	1630	482	94	30
Last Thursday	1436	496	130	134
Last Year	1103	439	42	44

CATTLE: Compared to last Thursday slaughter steers steady to 1.00 lower; slaughter heifers scarce, untested; cows 50-1.00 higher; bullocks steady to 1.00 lower; bulls 75-1.00 lower. Supply included 79% slaughter steers and 16% cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1150-1378 lb. 55.50-56.50, few 56.85-57.50; Choice 1-2 1125-1480 lb. 55.50-56.50, several 56.85-59.00; Choice 2-4 1050-1360 lb. 54.00-55.75; high Good and low Choice 2-3 1050-1435 lb. 52.75-54.75; Good and Choice 1210-1535 lb. Holsteins 48.50-50.50.

SLAUGHTER HEIFERS: Insufficient volume to test market.

COWS: Breaking Utility and Commercial 2-4 42.50-45.75; Cutter and Boning Utility 1-3 40.00-43.75, several 44.00-46.00; Canner and low Cutter 36.75-41.00.

BULLOCKS: Good and Choice 1-3 950-1250 lb. 51.75-54.75.

BULLS: Yield grade 1 1280-1585 lb. 49.00-52.00, high yielding individual 56.75; yield grade 2 1195-2130 lb. 46.25-48.50, individual 2470 lb. 44.50.

VEAL CALVES: Vealers steady to 6.00 lower. Demand very good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 290-350 lb. 116.00-123.00; Choice 180-320 lb. 90.00-106.00; few high Good and low Choice 160-350 lb. 69.00-77.00, 80-115 lb. 58.00-66.00, 60-80 lb. 50.00-58.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 78.00-91.00; 90-105 lb. 66.00-76.00, few 62.00-64.00.

SHEEP: Supply mainly 50-115 lb. spring lambs steady to 3.00 higher.

SPRING LAMBS: Choice and Prime 50-65 lb. 80.00-89.00, 70-85 lb. 77.00-83.00, 95-115 lb. 75.00-80.00.

SLAUGHTER EWES: Few Utility and Good 19.00-28.00.

GOATS: All goats sold by the head, 25.00-45.00, few 48.00-55.00.

Some markets not covered by PDA or USDA due to holiday

Lancaster County Weekly

Friday, May 31
Report supplied by PDA

	Cattle	Calves
This Week	5725	1190
Last Week	5802	1243
Last Year	4679	1262

CATTLE: sl. steers generally steady, sl. heifers lightly tested, no comparison available, cows steady to .50 higher, bullocks steady in light test, bulls steady to 2.00 lower.

SLAUGHTER STEERS: High Choice & Prime 2-4 1150-1450 lbs. 55.50-58.75, few to 60.50; 3-4 55.00-56.60; Good and Choice 1-2 1200-1450 lbs. 55.50-61.75, few to 63.35; Choice 2-4 1025-1450 lbs. 54.00-58.50; high Good & low Choice 2-3 1050-1425 lbs. 51.00-55.50; Good and Choice 2-3 holsteins 1100-1550 lbs. 47.75-53.10.

SLAUGHTER HEIFERS: Few Good & Choice 1-2 1070-1310 lbs. 52.75-54.75, 830-1040 lbs. 49.50-52.00.

COWS: Breaking Utility & Commercial 2-4 41.00-45.75, few to 46.75, individual 48.50; Cutter and Boning Utility 1-3 38.75-44.00, few to 45.00; Canner and low Cutter 36.75-41.00.

BULLOCKS: Few Good and Choice 1-2 950-1250 lbs. 51.75-54.75.

BULLS: Yield Grade 1 1280-1580 lbs. 49.00-52.00, high yielding individual 56.75; Yield Grade 2 1195-2130 lbs. 46.25-48.50.

VEAL CALVES: Vealers steady to 16.00 higher. Demand very good for calves to return to farm.

VEALERS: Choice and Prime 280-350 lbs. 116.00-123.00; Choice 170-240 lbs. 85.00-106.00, 1350-1565 lbs. 81.00-84.00; High Good & low Choice 120-290 lbs. 69.00-77.00, 80-115 lbs. 56.00-66.00, 60-80 lbs. 50.00-58.00.

RETURNED TO FARM: 90-120 lb. hol. heifers 58.00-62.00; bulk 90-120 lb. hol. bulls 78.00-91.00, 90-105 lbs. 66.00-76.00; Small Frame 100-120 lbs. 74.00-75.00, 90-105 lbs. 55.00-62.00.

Keister's Hay

Keister's Middleburg Auction
Tuesday, May 28
Report supplied by auction

17 lds.

Mixed Hay, 30.00-67.50; Ear Corn, 75.00-77.50; Oats, 1.60 bu.

Leesport Livestock Auction

Leesport, Pa.
Wednesday, May 29
Report supplied by PDA

CATTLE 356. Compared with last Wednesday's market: Slaughter cows steady to 50 cents higher: Slaughter steers about steady. Choice 1020-1385 lbs. slaughter steers 54.75-58, few to 58.50, Holsteins 50.25-54.10, one at 55.00, Good 51.75-54.75, holsteins 47.75-50, Standard 45.75-47.50. Choice slaughter heifers 52.25-58.25, few Good 50.25-51.10. Breaking Utility and Commercial slaughter cows 43-46.10, Cutter and Boning Utility 41-44.25, Canner and Low Cutter 37.75-41, Shells down to 33.50. Good and Choice slaughter bullocks 50.25-54.75, two head yield grade #1 58.25. Yield Grade No. 1 1040-1700 lbs. slaughter bulls 46.10-56.60.

FEEDER CATTLE: Medium Frame #1 345-750 lbs. steers and bulls 56.50-67, few Large #2 380-560 lbs. 46.25-53, one lot #2 915 lbs. at 45.00.

CALVES 144. Few Choice vealers 73.00-89, Good 62.00-70, Standard and Good (few) 110-120 lbs. 59.00-63, 75-105 lbs. 48.00-58, few Utility 60-80 lbs. 42.00-45.00.

FARM CALVES: Holstein Bulls 90-125 lbs. 60.00-80; few Heifers 85-110 lbs. 61.00-63.

HOGS 489. Barrows And Gilts Strong To 50 & Higher. US No. 1-2 210-245 lbs. barrows and gilts 45.10-46.10, one lot 46.25, No. 1-3 216-260 lbs. 44.10-45.50, No. 2-3 265-290 lbs. 39.25-43.25. US No. 1-3 330-615 lbs. sows 35.00-38.75. BOARS 31.50-37.

FEEDER PIGS 301. US No. 1-3 25-45 lbs. feeder pigs 90.00-112, 55-75 lbs. 75.00-85, one lot 105 lbs. at 55.00, 155-180 lbs. 40.50-44. ALL SALES PER HUNDREDWEIGHT.

SHEEP 47. Choice 70-100 lbs. spring slaughter lambs 69.00-76, few 25-40 lbs. 82.00-100, few Good 60-100 lbs. 48.00-66. Slaughter ewes 12.00-26.00. GOATS 34: Large 21.00-41, Kids 5.00-20.00 per head.

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LANCASTER STOCK YARDS

AUCTIONS

MONDAY
9:00 A.M —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs

TUESDAY
9:00 A M —Slaughter Hogs
1:00 P M —Feeder Pigs

WEDNESDAY
8:00 A.M —Slaughter Hogs
10.00 A M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A M. —Veal Calves, Lambs

FRIDAY
11:00 A.M —Stocker and Feeder Cattle

SATURDAY
8:00 A.M. —Slaughter Hogs

LANCASTER STOCKYARDS, INC.

ATTENTION CATTLE FEEDERS
Every Wednesday at 12 Noon:
LOADLOT Fat Cattle Sale — 10 or more per lot — All cattle for LOADLOT Sale must arrive by 9:00 A.M. — All cattle sold in order of arrival at market.

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— SALE —
Every Friday at 12 Noon

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1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

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10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.

Sale Every Saturday
9 A.M.
Hog Sale

Business Phone
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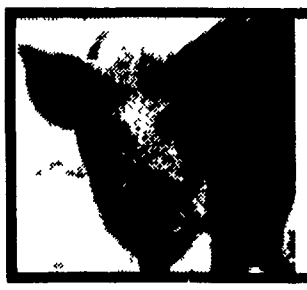
Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone: (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653 5728
RON RANCK
Ph (717) 656 9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30



HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, May 27
Report supplied by USDA

Today	1162
Last Monday	1113
Last Year	1840

Market 1.00-2.00 higher.

Wholesale, 44.00-45.75; lightweight, 41.50-43.00; heavyweight, 40.00-43.50; retail, 46.00-47.00.

SOWS: 34.00-36.50.

BOARS: 31.50-37.00.

Tuesday, May 28

Today	100
Last Tuesday	286
Last Year	101

TREND: Compared to Wednesday barrows and gilts steady to 1.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 45.50-46.25. US 1 210-250 lb. 46.00-46.50. US 1-3 200-260 lb. 44.00-46.00.

Wednesday, May 29

HOGS: Compared to Tuesday, barrows and gilts steady to .50 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 46.00-46.50. US 1 210-250 lb. 47.50-48.00, few 49.00. US 1-3 200-260 lb. 45.00-46.00. US 3-4 220-270 lb. 44.50-45.00.

Lancaster Feeder Pigs
Tuesday, May 28
Report supplied by USDA

Today	418
Last Tuesday	551
Last Year	568

TREND: Compared to last Tuesday feeder pigs generally steady to 15.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 6 head 22 lbs. 105.00; 15 head 35-38 lbs. 96.00-104.00; 185 head 40-49 lbs. 98.00-103.00; 55 head 50-59 lbs. 90.00-95.00; 12 head 60-68 lbs. 64.00-75.00.

US 2-3: 7 head 35-40 lbs. 88.00-89.00; 12 head 54-55 lbs. 80.00-84.00; 7 head 67-77 lbs. 58.00-66.00.

Indianapolis Hogs
Thursday, May 30
Report supplied by USDA

800. Barrows and gilts slow, steadyto .25 lower.

BARROWS AND GILTS: US 1-3 215-255 lb. 44.50-45.25. US 2-3 210-260 lb. 44.00-45.00.

SOWS: Fully steady; 7 percent. US 1-3 385-525 lb. 37.00-40.00; 525-685 lb. 40.00-44.00.

BOARS: 200-700 lb. 31.00 to mostly 32.00.

New Holland Feeder Pigs
New Holland, Pa.
Wednesday, May 29
Report supplied by Auction

Today	1026
Last Wednesday	813
Last Year	859

TREND No recent price comparison due to unavailability of report last week. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 15 head 22 lbs. 96.00-102.00; 220 head 30-39 lbs. 90.00-101.00; 314 head 40-49 lbs. 96.00-105.00, few 87.00-90.00; 147 head 50-59 lbs 85.00-93.00; 114 head 60-75 lbs. 70.00-76.00.

US 2-3: 82 head 40-49 lbs. 72.00-85.00; 27 head 50-59 lbs. 72.00-81.00; 14 head 66 lbs. 65.00; 16 head 80-105 lbs. 60.00-68.00.

St. Louis Hogs
Thursday, May 30
Report supplied by USDA

4000. Trading moderately active. Barrows and gilts .25 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 44.50-44.75. US 1-3 200-260 lb. 43.75-44.25. US 2-3 260-270 lb. 43.00.

SOWS: Weights 300-500 lb. .25-mostly .50 higher; over 500 lb. 2.00 lower. US 1-2 300-500 lb. 38.00. US 1-3 Over 500 lb. 39.00-41.00.

BOARS: Over 300 lb. 35.00; Under 300 lb. 34.50, one lot 35.50.

Peoria Hogs
Thursday, May 30
Report supplied by USDA

3000. Trading fairly active. Receipts currently 400 under estimate. Barrows and gilts opening steady to weak.

BARROWS AND GILTS: US 1-2 200-250 lb. 44.50-45.00, 32 head 45.50. US 1-3 200-250 lb. 44.00-44.50.

SOWS: Steady to .50 lower; 14 percent. US 1-3 350-500 lb. 37.00 to mostly 37.50. US 1-3 500-650 lb. 39.00-39.50, few 40.00.

Omaha Weekly
Thursday, May 30
Report Supplied by USDA

Slaughter steer and heifer prices closed this session at midweek fully steady with the previous week. Good buyer demand noted as most local packers came into the week in need of cattle for slaughter. Local direct selling rather light at the end of last week and some packers short on numbers for slaughter beginning this week. Wholesale dressed beef prices steady early turning down at late week. Slaughter cows 1.00-4.00 lower, most decline on breaking utility and commercial. Slaughter bulls 1.00-2.00 lower.

Estimated 4 day receipts this week 9,000 compared to 5 day actuals last week of 10912 and 4 day actuals last year of 9412. Slaughter steers made up 52 pct of the weeks receipts; slaughter heifers 39 pct; slaughter cows 6 pct and feeder cattle 1 pct.

SLAUGHTER STEERS: On the close, choice 2-4 1050-1300 lbs. 58.50-60.00, mostly 59.00-60.00, load 60.50. Choice 2-4 1250-1450 lbs. 57.00-59.25. Mixed good and choice 2-3 1000-1250 lbs. 57.50-59.50. Few good 56.00-58.00. Choice 2-3 1200-1450 lb. holsteins 52.00-52.50. Mixed good and choice 2-3 51.50-52.00.

SLAUGHTER HEIFERS: On the close, choice 2-4 950-1100 lbs. 50.00-59.50, mostly 58.50-59 50, three loads 59.75. Few choice 2-4 1100-1225 lbs. 56.00-57.50. Mixed good and choice 2-3 900-1050 lbs. 56.00-58.00. Good 54.00-56.00. Commercial to choice 2-4 1100-1200 lb 'Heiferettes' 47.00-54.00.

Average of LS-214 detailed quotations for choice 900-1100 lb. slaughter steers 58.50; 1100-1300 lbs. 59.25. Average cost all slaughter steers this week 58.94, average weight 1230 lbs. as compared to 58.55 and 1230 lbs. last week. Average cost all slaughter heifers this week 58.03, average weight 1068 lbs. as compared to 58.05 and 1054 lbs. last week.

SLAUGHTER COWS: Breaking utility and commercial 2-3 38.75-41.00, high dressing individual 42.00. Cutter and boning utility 1-2 38.50-41.50, few high dressing 42.00-43.50. Canner and low cutter 35.75-38.50.

SLAUGHTER BULLS: U.S. 1-2 1500-2000 lbs. 47.50-51.50, high dressing individual 55.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

CATTLE	CALVES	HOGS	SHEEP
Week To Date (Est.)			
408,000	36,000	994,000	77,000
Same Pd. Lt Wk. (Est.)			
519,000	13,000	1,230,000	87,000
Same Pd. Lt. Yr. (Act)			
435,000	36,000	989,000	84,000

Chicago Grain Futures

(Closing Bids as of Thursday, May 30)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
July	2 73¼	3 15¼	5 63½	118 70
Aug.			5 58	121 70
Sept.	2 57¾	3 17½	5 54	124 70
Nov.			5 57¼	
Dec.	2 54	3 36½		132 20
Jan.'86			5 67	134 50
Mar.'86	2 63	3 28¼	5 76¾	139 40
May '86	2 67½	3 18	5 84	145 30
July '86	2 66½	3 50	5 89½	

Trends - Corn - Weaker, Soybeans - Weaker, Wheat - Stronger, Soybean Meal - Weaker

Futures Trading

(Closing Bids as of Thursday, May 30)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
June	60 42	47 55	
July		50 47	
Aug.	63 27	50 27	
Oct.	62 57	46 95	
Nov.			3 16
Dec.	63 65	47 90	
Feb. 86'	64 50	48 75	
Apr. 86'	65 40	46 05	

Trends - Cattle - Weaker, Hogs - Weaker

ATTENTION HOG PRODUCERS

Now you have a choice of marketing your fat hogs on any one of 4 days a week through Walter M. Dunlap and Sons.

The starting times for each day are as follows:

Monday at 11 A.M., Tuesday at 10 A.M., Wednesday and Saturday at 8 A.M.

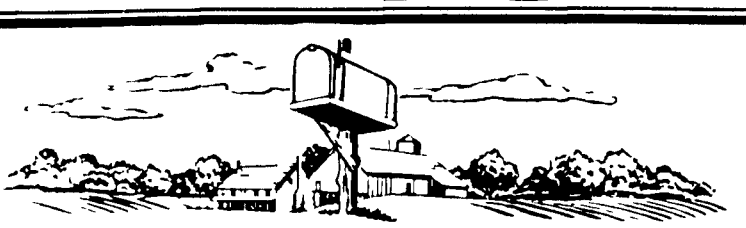
Consign your fat hogs to Walter M. Dunlap and Sons where they will be handled by experienced and capable personnel. All hogs weighed upon arrival.

For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

FEEDER PIG SALE
Every Tuesday - Starting at 1 P.M.

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

An Old Line Commission Firm Keeping Abreast With The Times



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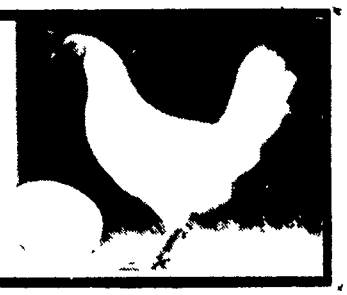
POULTRY MARKETS



Weekly New York Egg Market National Quotes

From Friday, May 24 to Thursday, May 26

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	69	.69	.69	69	70
Ex. Large	.60	60	60	60	61
Large	55	55	55	.55	56
Medium	46	46	48	48	50
Pullets	.37	37	37	37	39
Off Grade	.48	.48	48	48	49
BROWN					
Jumbo	---	---	---	---	---
Ex. Large	.73	.73	71	71	71
Large	.70	70	68	68	68
Mediums	.60	60	58	58	58
Pullets Unquoted					
Peewees Unquoted					
Off Grade					
Undergrades	27	27	27	27	27
Checks	25	25	25	25	25

Northeast Breaking Stocks

Friday 42-44 lbs.-26 00-28.00; 48-50 lbs -32 00 34 00 Thursday 32 00-34 00

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P.O. Box 366 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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Heinsey's Poultry Market

Root's, East Petersburg
Thursday, May 28
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.90-2.04 per lb.

MUSCOVY DUCKS, HENS: range 1.86-2.02 per lb.

PEKIN DUCKS: range .42-.78 per lb.

RED FOWL: 4-5 lbs. range .16-.28 per lb.

RED FOWL: 5-7 lbs. range .20-.38 per lb.

CROSSBRED FOWL: 5-10 lbs. range .18-.58 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .50-.78 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .40-.62 per lb.

GUINEA FOWL: range 2.10-2.55 per lb.

BANTY ROOSTERS: range 2.50-5.00 ea.

BANTY HENS: range 1.50-2.50 ea.

LEGHORN HENS: range .26-.36 per lb.

LEGHOORN ROOSTERS: range .12-.32 per lb.

GEESE: 8-14 lbs. range .38-.48 per lb.

PIGEONS: range 1.50-1.90 ea.

WHITE PIGEONS: range 2.85-3.40 ea.

SILKIES: range 6.00-7.50 ea.

DOVES: 3.00-4.25 ea.

RABBITS: 4-6 lbs. range .70-.92 per lb.

RABBITS: 7-11 lbs. range .46-.72 per lb.

FEW WHITE RABBITS: 4-6 lbs. range .90-1.10 per lb.

BUNNIES: .75-3.00 ea.

GUINEA PIGS: range .10-2.00.

GOATS: range 24.00-60.00 ea.

KID GOATS: range 12.00-30.00 ea.

CHUCKERS: 6.50-6.75 ea.

Total Number Coops: 1,020.

New York Multiple Drop Broiler Report

Thursday, May 30
Report supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .51-.61

Weighted AVG.. U.S. Grade A 56.97.

Premium (X) Boxes 11,749.

(X) Includes special services, selected competitive brands, etc.

THERE IS A DIFFERENCE

No One Else Gives You A System That:

- Automatically grinds, mixes & delivers feed
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- Operating cost less than 3 kw/ton (grind, mix and unload)
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N.E. Weekly Shell Egg Report

Tuesday, May 28
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores

	Ex. Large	Large	Medium	Small
MASS. X	.98-1.02	78-.80	67-69	51-53
Mostly	1.02	.80	69	53
N HAMP	71-.75	63-67	51-.55	33-37
Mostly	73-74	65-66	53-.54	35-36
R.I	70-78	62-70	50-58	32-40
Mostly	70-74	62-66	50-54	32-36
VERMONT	80-.88	75-85	61-75	
Mostly	.80	.75	61	
MAINE	78-.83	70-.75	58-63	40-45

X Includes Central and Western Sections only

Philadelphia Eggs

Thursday, May 30
Report supplied by USDA

Market Comment: Prices are unchanged. Trade sentiment was steady. Cartoned egg orders picked up somewhat and was generally reported as about moderate. Retail feature interest was spotty. Mediums tightened up as sales to breakers and ads helped pull this size into a better balanced position. Large were still burdensome and often reported as difficult to move.

Extra large were usually adequate for current dealer needs.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .52-.54½; A Large .51-.53½; A Medium .41-.43.

Delmarva Poultry

Thursday, May 30
Report supplied by USDA

Market Comment: Demand for ready to cook whole birds was light and unaggressive, and seller offerings were easily available to negotiation. Movement of parts showed some slight improvement at lower trending prices, but the call overall remained sluggish.

Live supplies were fully adequate to ample. Weights were mostly desirable to heavier than desired. Slaughter schedules were heavy. Undertone weak.

Today's L.T.L. asking prices were generally 1 cent lower on U.S. Grade A at 52-60 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 5/30 2,078,000; Actual 5/23 2,014,000; Actual 5/28 2,022,000; Average Weights 5/28 4.36; Average Weights 5/21 4.33.

Eastern Pa. & N.J. Poultry

Wednesday, May 29
Report supplied by USDA

Market Comment: Prices were unchanged to normally lower for this week's deliveries; generally unchanged for next week. Offerings adequate to fully adequate for current schedules finished. Product sales fairly good overall.

Prices Paid at Farm:

Light Type Hens: .09-.12, mostly .10-.11½.

F O.B. Plant: 13-13½

DEKALB

Two Ways To Improve Your Profit Picture

XL & DK

Two layers with distinctly different characteristics From two separate research programs

You don't have to buy from two different companies to get the two top layers on the market

The XL shows excellent production under many management conditions. The DK responds best to finely tuned, close management

DEKALB Layers are bred to possess the economic traits most applicable to your operation You do have a choice The high productivity XL or the high efficiency DK

Moyer's CHICKS, INC.

DEKALB BROWN & WHITE EGG LAYERS

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(215) 536-3155

HUBBARD WHITE MT. BROILERS

June is Dairy Month

At Pennfield, we are committed to serving your needs. We are working harder to provide you with - PROMPT, DIRECT TO YOUR FARM SERVICE - SOUND FEED MANAGEMENT PROGRAMS - QUALITY FEEDS AT COMPETITIVE PRICES.

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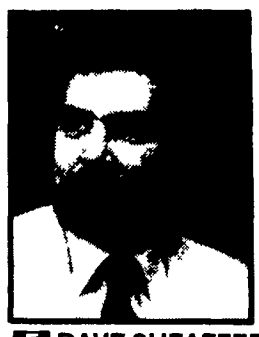
8 CECIL HAWN

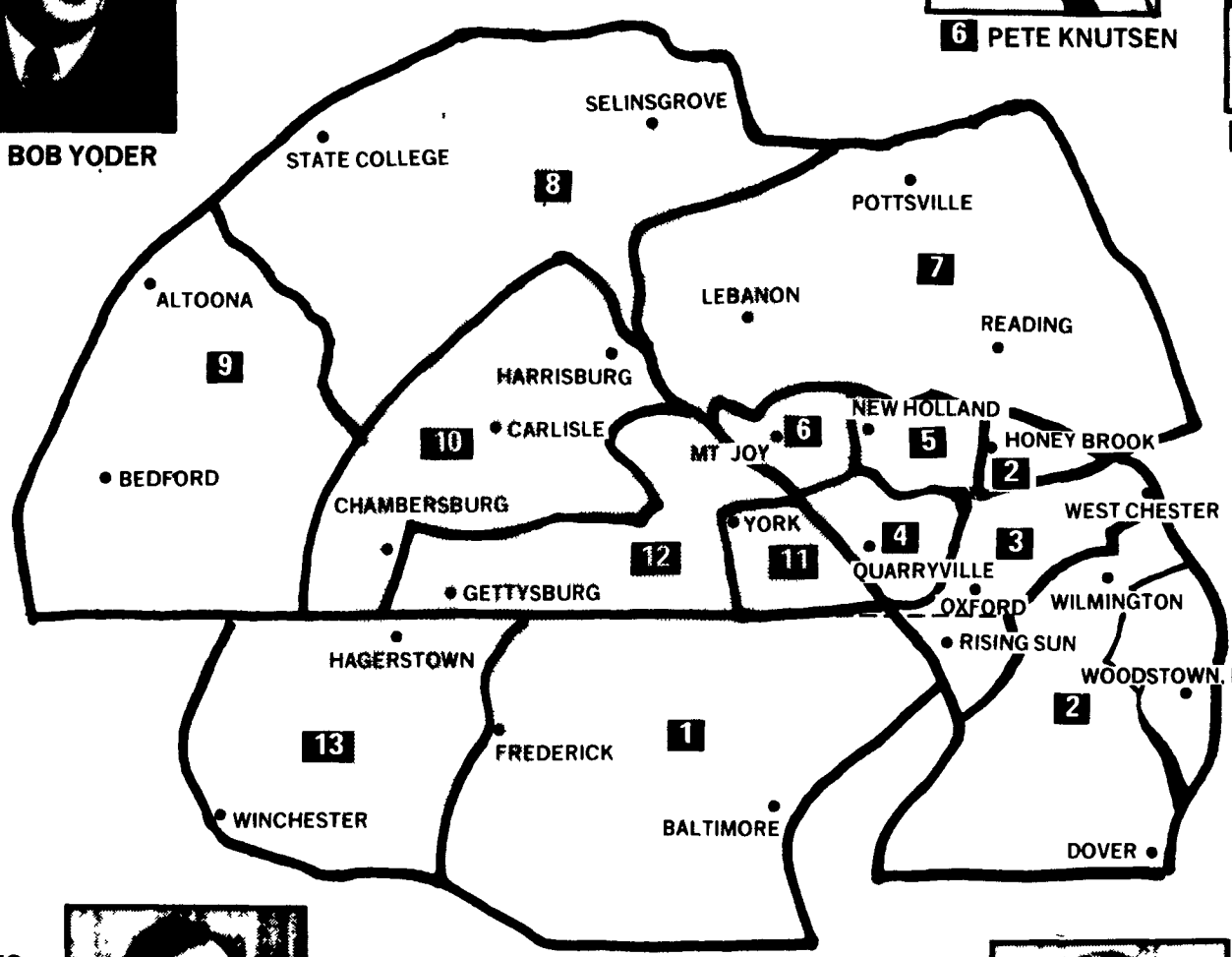
7 GLENN FLICKINGER

6 PETE KNUTSEN


5 DAVE SHEAFFER

10 DON SNYDER

4 LARRY BEAT



11 MEREDITH SHANKS

3 JIM SPAHR

12 MIKE GITT

13 WALTER OCKER

1 DICK POOLE

2 DENNIS MYERS

#513 16% Dairy Pellet	#508 16% Golden Flake	#519 20% Dairy Pellet	#538 Meal 38% All Natural	#528 Conc. 28% CP - 6% Fat	#534 Conc. 34% CP - 6¾% Fat
$143.33 Net/Ton	**$148.98** Net/Ton	**$150.35** Net/Ton	**$186.62** Net/Ton	**$210.41** Net/Ton	**$226.59** Net/Ton

Includes 8 ton volume discount and cash discount of 2½% due 15th following month.
(Prices effective June 3, 1985 and subject to change with grain markets.)

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From Pa. 1-800-732-0467 From Md. 1-800-233-0202

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HAY MARKETS

New Holland Hay
New Holland Sales Stables
Monday, May 27
Report supplied by auction

61 loads. Prices lower on Hay and Straw; Corn and Oats about steady.

Alfalfa, 165.00, 11.00, #2 60.00-86.00, #3 41.00-60.00; Alfalfa Timothy Mix, 90.00-104.00; Clover Timothy Mix, 60.00-90.00, #3 48.00-60.00.

Timothy, #1 81.00-98.00, #2 51.00-80.00, #3 35.00-50.00; Straw, 100.00 and 104.00, mostly 60.00-80.00, few dark 41.00.

Ear Corn, 81.00-84.00; Oats, 1.95-2.00 bu.

Frederick Co. Hay and Straw
Buckeystown, Md.
Thursday, May 30
Report supplied by auction

30 lds. Market steady on Hay; weaker on Straw. Final sale of spring season.

Alfalfa, some new, 50.00-143.00; Timothy, 80.00-107.50; Mixed Hay, 91.00-115.00; Orchard Grass, 70.00; Straw, some dark, 75.00-121.00.

Good's Hay
Leola, Pa.
Wednesday, May 29
Report supplied by auction

90 lds.

Mixed Hay, 40.00-112.00; Alfalfa, 46.00-176.00; Timothy, 68.00-120.00; Straw, 57.00-99.00; Corn, 84.00-96.00; Corn Fodder, 38.00; Oats, 2.30, 2.75 bu.

Green Dragon Hay
Friday, May 24
Report supplied by PDA

50 Loads Hay, 31 Straw and 13 Ear Corn.

Alfalfa 55.00-102.00, one load 122.00; Mixed hay 37.00-132.00, mostly 54.00-96.00; Timothy hay, few 52.00-94.00; Straw 40.00-84.00, mostly 50.00-75.00; Ear Corn 81.00-93.00, few to 66.00; Corn Fodder 2 loads 44.00 & 51.00; Oats, one load 1.80 per bu.

Dewart Livestock Auction
Dewart, Pa.
Monday, May 20
Report supplied by PDA

7 Loads Hay, 1 Straw and 1 Ear Corn.

Mixed hay 41.00-71.00; Straw 77.00; Ear Corn 77.00.

Regional Hay
Friday, May 24
Report supplied by PDA

(All Hay #2 and better, prices paid by dealers at the farm and per ton.)

Old Crop Hay and Straw steady to $10 lower. New Crop hay on the market, not fully established.

Alfalfa 55.00-90.00, *New crop 45.00-65.00; Mixed hay 40.00-80.00, *New Crop 45.00-65.00; Timothy hay 45.00-75.00, *New Crop 45.00-50.00; Straw 50.00-75.00; Mulch 25.00-35.00.

Good's Auction
Leola, Pa.
Wednesday, May 22
Report supplied by PDA

50 Loads Hay, 16 Straw and 16 Ear Corn.

Alfalfa 46.00-120.00, mostly 50.00-90.00; Mixed hay 30.00-115.00, mostly 40.00-87.00; Timothy hay 40.00-120.00, mostly 65.00-96.00; Straw 50.00-79.00, few to 105.00; Ear Corn 84.00-90.00, one load 77.00; Corn Fodder one load 51.00; Oats one load 2.25 per bu.

Belleville Livestock Auction
Belleville, Pa.
Wednesday, May 22
Report supplied by PDA

19 Loads Hay, 3 Straw.

Alfalfa 57.50-70.00; Mixed hay 37.50-47.50, one load 62.50; Timothy hay 2 loads 35.00 & 37.50; Straw 37.50-80.00.

Pa. Grain
Tuesday, May 28
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central & South Central, Pa.: Corn unevenly steady; Wheat steady to weak; Barley and Oats steady to weak, instances 20 cents lower; Ear Corn steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pennsylvania

Corn No. 2-y range 2.85-3.10, average 2.95, New Crop* 2.60-2.69; @Wheat No. 2 3.40-3 55, average 3.59, New Crop* 3.16-3.26; Barley No. 3 1.90-2.50, average 2.23, New Crop* 1.60-1.80; Oats No. 2 1.80-2.05, average 1.98 New Crop* 1.40; Soybeans No. 1 range 5.45-5.55, average 5.51, New Crop* 5.50-5.57; *Gr. Sorghum #2 range 2.75, average 2.75, New Crop* 2.10; *+Buckwheat New Crop* 9.90; #Ear Corn 76.00-84.00, average 80.08.

Central Pennsylvania

Corn No. 2-y range 2.80-3.05, average 2.90; @Wheat No. 2 range 3.30-3.60, average 3.40; Barley No. 3 range 1.95-2.35, average 2.13; Oats No. 2 range 1.50-1.90, average 1.76; *Gr. Sorghum #2 range 2.55, average 2.55; #Ear Corn range 66.00-80.00, average 73.35.

South Central Pennsylvania

Corn No. 2-y range 2.72-3.00, average 2.83; @Wheat No. 2 3.00-3.40, few reported 3.75, average 3.25; Barley No. 3 2.10-2.40. average 2.27; Oats No. 1 range 1.80-2.05, average 1.95; #Ear Corn range 68.00-79.00, average 73.63.

Western Pennsylvania

Corn No. 2-y range 2.68-2.95, average 2.83; @Wheat No. 2 range 3.10-3.50, average 3.33; Oats No. 1 1.90-2.10, few reported 1.70, average 1.93; #Ear Corn range 65.00-70.00, average 67.50.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.75-3.10, average 2.91; @Wheat No. 2 3.20-3.65, average 3.42; Barley No. 3 range 1.90-2.50, average 2.21; Oats No. 2 range 1.60-2.05, average 1.87; #Ear Corn 68.00-84.00, average 76.24.

Vintage Hay And Straw
Vintage Sales Stables
Thursday, May 30
Report supplied by auction

Last sale until Fall.

7 loads.

Alfalfa, 52.00-58.00; Mixed Hay, 68.00; Timothy, 62.00; Corn, 87.00; Wheat Straw, 75.00.

Peoria Cattle
Thursday, May 30
Report Supplied by USDA

Trading moderate on moderate supply. Compared with last week slaughter steers under 1200 lbs. steady to firm, weights over 1200 lbs. mostly 1.50 to 2.00 lower. Best interest for steers suitable for commodity delivery. Slaughter heifers weak to mostly 1.00 lower. Cows closed fully steady and bulls generally steady. Supply mainly good to average choice slaughter steers and heifers with 8% cows. Receipts this week about 1800 as compared with 1989 a week ago and 1521 a year ago.

SLAUGHTER STEERS: Choice 3, few 4, 1200-1345 lbs. 56.50-57.00. Choice 2-4 1050-1200 lbs. 58.00-58.50, couple loads 58.75-59.50. Mixed good and choice 2-3 1000-1200 lbs. 56.00-57.00, couple packages 830-840 lbs. Wednesday 57.50. Few good 2-3 1025-1300 lbs. 56.50.

SLAUGHTER HEIFERS: Choice 2-4 950-1150 lbs. 56.50-57.50, load and part load 58.00 Monday. Mixed good and choice 2-3 900-1100 lbs. 54.50-56.00. Good 2-3 800-950 lbs. 51.00-54.50.

COWS: Breaking utility and commercial 2-3 39.50-42.00, few high dressing 42.00-44.00. Cutter and boning utility 1-2 36.00-40.00 canner and low cutter 33.00-37.00.

BULLS: Few Yg 1-2 1500-2100 lbs. 48.00-52.00.

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

DAIRY COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
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Mgr - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538

Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

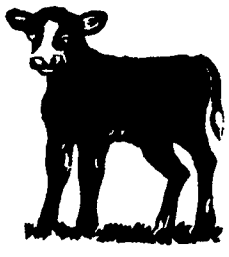
10:00 AM

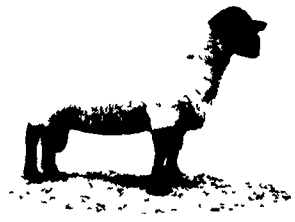
BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

East Coast Carlot

Wednesday, May 29
Report supplied by USDA

Compared to Tuesday's close: Special Fed Veal steady. Good and Choice Boning Veal 1.00 to 4.00 higher in a very light test. Inshipped 2.00 higher. Spring Lamb 1.00 to 3.00 higher in a light test. Boneless Beef 4.00 lower and Beef Timming .50 to 1.00 lower than last week.

Veal Carcass
Choice & Prime (Special Fed)
Hide on 250 Head

220-280 lbs. 175.00, steady.

Good and Choice
Boning Type
Hide On 100 Head

NORTHEASTERN SUPPLIERS: 1.00-4.00 higher. 65-75# LTD 96.00; 55-64 LTD 94.00; 45-54 lb. LTD 92.00; 35-44 lb. LTD 90.00; 34# Down LTD 88.00.

INSHIPPED: 240 head. 2.00 higher. 71-80 lbs. 96.00; 61-70 lbs. 94.00; 51-60 lbs. 92.00; 41-50 lbs. 90.00; 30-40 lbs. 88.00.

Spring Lamb Beef
Choice and Prime 3-4
1 Load

55 lbs. down LTD 156.00, compared to last week 1.00-3.00 higher.

Boneless Beef
2 Loads

90% Chem Lean, Fresh 110.00, compared to last week 4.00 lower.

Beef Trimmings
5 Loads

50% Chem Lean, Fresh 44.00-45.50, compared to last week .50-1.00 lower.

Carlisle Livestock

Carlisle, Pa.
Tuesday, May 28
Report supplied by auction

CATTLE: (193). Steers: Active. Choice 56.60-57.60; Good 53.00-55.50; Good & Choice Holsteins 50.10-55.00; Medium Holsteins 46.00-49.50. Heifers: Medium 42.85-47.50. Cows: Strong demand; steady to 1.00 higher. High Yield 44.00-47.10; Good 42.00-43.75; Medium 39.00-41.50; Big Middle 38.50-45.00; Shelly 38.00 down. Fat Bulls: Good 52.00-54.00, Medium 50.00-51.00.

FEEDER CATTLE: (79) Active bidding with few light (250-290 lb.) Steers up to 80.00 lb. Steers (300-550 lb.) Choice 65.00-70.00; Good 60.00-64.00; Medium 55.50-59.00. Steers (600-850 lb.) Choice 60.00-68.00; Good 53.00-59.00 (Holsteins 49.00-53.00); Medium Holsteins 46.00-48.50. Heifers (all weights) 2.00 higher. Choice 60.00-71.00; Good 52.00-59.00; Medium 45.00-51.00; Utility 40.50-44.00. Bulls (all weights) 2.00 higher. Choice 71.00-80.00; Good 54.00-63.00.

VEAL CALVES: (144) Choice Individual 99.00; Good 68.00-75.00; Medium 60.00-67.00; Light 55.00-59.00, few weak 54.00 down. Farm Bulls 62.00-74.00.

HOGS: Barrows & Gilts 2.00 higher. (Tues. & Wed. supply 601 hogs). 210-250 lbs. 44.50-47.25; over 290 lb. 38.00-40.85; 2 & 3's 41.00-44.00.

SOWS: Heavy 2.00 lower, light steady to 1.00 higher. (450-500 lbs.) 34.00-35.25; under 450 lb. 34.00-39.00; 2&3's 29.00-33.00. Boars: Heavy 31.00-33.00; Light 34.00-41.00.

FEEDER PIGS (209) (by the hd) 2.00 higher (15-25 lbs. 15.00-29.00) (30-40 lbs. 30.00-41.00) (45-55 lbs. 42.00-46.00 hd.).

SHEEP: Lambs: (33) Choice 77.00-80.00, couple 35 lbs. to 95.00; Good 63.00-68.00. EWES 20.00-40.00 lb.

Goats: (18) Sm./Med. 17.50-30.00 (hd).

Next State Graded Feeder Pig Sale: Friday, June 14th 1:30 P.M.

Central U.S. Carlot

Pork Report
Wednesday, May 29
Report supplied by USDA

Compared to Tuesday's 4:00 report: Fresh Pork Loins 14-18 lbs. steady, 18-22 lbs. $2.50 to $3.00 higher. Skinned Hams 17-20 lbs. $1.00 lower, other weights untested. Sdls Bellies steady to firm in a limited test. Trade, demand and offerings moderate with good movement on Fresh Pork Loins.

U.S. No. 1&2 175 lb. Pork Carcass cut out value advanced $.44 to $.48 per cwt.

Sales reported on 38 loads of Fresh Pork Cuts & 1 load of Trimmings and Boneless Processing Pork.

Fresh Pork Cuts

LOINS (Regular) 14-18 lbs. 83.00-85.00, steady; 18-22 lbs. 83.00, 2.00-3.00 higher than Thursday; 22&up lbs. 77.50.

PICNICS: 4-8 lbs. 46.00, firm.

BOSTON BUTTS: 4-8 lbs. 69.00-70.00, steady-1.00 lower.

HAMS SKINNED: 17-20 lbs. 56.00, 1.00 lower.

BELLIES (Sdls - Skin On): 14-16 lbs. 63.00, firm; 16-18 lbs. 57.00, steady.

Pork Trimmings
Boneless Processing Pork
(Chemical Lean)

72% Boneless Picnics Fresh 76.50, steady.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, May 27
Report supplied by auction

CATTLE 142. Choice 55.00-58.75, High Good & Low Choice 52.75-56.00, Good 47.50-51.00, Good & Choice holsteins 50.25-53.25, Standard 46.00-48.75, Utility 41.50-45.25. Choice sl. heifers 52.25-56.00, Good 46.50-51.00, Standard 43.10-45.25, Utility 37.00-42.50. Breaking Ut. & Commercial sl. cows 44.00-46.25, Cutter & Boning Ut. 42.25-43.75, Canner & Low Cutter 36.50-41.00, Shells down to 31.00. Choice sl. bullocks 51.00-54.25, Good 48.25-50.10, Standard 45.25-47.10, Utility 40.25-43.10.

FEEDER CATTLE: Steers Good 54.00-62.00, Standard 47.00-53.50, Heifers Good 49.00-54.00, Standard 40.50-46.00, Bulls Good 48.00-56.00, Standard 41 00-46.00.

CALVES 242. Choice 76.00-84.00, Good 68.00-74.00, Standard 59.00-64.00, Standard & Good 90 lb.-130 lb. 53.00-58.50, Utility 60-80 lbs. 46.50-49.00.

FARM CALVES: Holstein bulls 90-130 lbs. 68.00-82.00, Holstein heifers 95-130 lbs. 56.00-66.00.

HOGS 159. US No. 1-2 220-240 lbs. barrows and gilts 44.25-45.25, No. 1-3 200-260 lbs. 42.25-43.75, No. 2-3 180-360 lbs. 38.25-41.75. US No. 1-3 350-600 lbs. sows 38.50-40.50, No. 2-3 350-600 lbs. 33.25-36.75. Boars 27.50-28.75, Light weights 29.25-30.50.

FEEDER PIGS 10. US No. 1-3 20-25 lbs. feeder pigs 15.00-20.00 per head, No. 1-3 30-35 lbs. 22.00-27.00.

SHEEP 22. High Choice & Prime 90-110 lbs. 62.00-68.00, Choice 80-90 lbs. 52.00-61.00 lbs., Good 60-80 lbs. 46.00-49.00, Slaughter ewes 12.00-16.00.

GOATS 14. 12.00-34.00.

Green Dragon Livestock Sales

Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

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11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

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JUNE 3-9, 1985

Rainy nights, more bug bites.

Start seeds for fall crops now Average length of days for the week, 15 hours, 10 minutes Vacuum cleaner patented June 8, 1869 First meeting of New Jersey general assembly, June 4, 1668 Debut of Topper' on NBC radio, June 7, 1945 American Indians gained citizenship June 3, 1924 Cole Porter born June 9, 1893

Better do it than wish it done

Ask the Old Farmer: Two years ago I planted small fir trees, about five feet high Now I don t want them to grow any taller At what time of the year should I cut the tops off? J K , South west Harbor, Maine

I have a hedge made with fir I wait until the middle of summer after the growth for that year is well along then trim them If you trim the top to the height you want, the tree will fill in the sides when sides are the size you want trim them back too

Home Hints Apply a paste of baking soda and water to insect stings

OLD FARMER'S WEATHER FORECAST

New England: Week begins sunny and warm, mid through end of week cool with rain

Greater New York-New Jersey. Clear and hot at weeks beginning, midweek rain cool temperatures, end of week clearing and warm

Middle Atlantic Coastal: Clear and hot start to week, mid through end of week rain, mild temperatures

Piedmont & Southeast Coastal: Sunny and hot at weeks beginning, mid through end of week showers, continuing hot

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Livestock market and auction news

Keister's Livestock

Middleburg, Pa.
Tuesday, May 28
Report supplied by auction

CATTLE 305: Compared with last Tuesday's market, Slaughter Steers & Cows about steady. High Choice & Prime Slaughter Steers 56.50-58.50, Choice 1040-1460 54.00-57.10, Choice Holstein 51.00-52.35, Good 50.00-53.75, Holstein 48.00-50.50, Few Standard 43.60-47.50. Choise Slaughter Heifers 51.60-56.00 Individual at 58.50, Few Good 49.10-51.25. Breaking Utility & Commercial Slaughter Cows 43.25-45.50, Couple to 47.60, Cutter & Boning Utility 40.50-44.25, Canner & Low Cutter 37.10-40-10, Shells down to 36.00. Couple Choice Slaughter Bullocks 53.00 & 55.85, Few Good 49.75-53.75. Few Yield Grade No. 1 975-1800 lbs. Slaughter Bulls, 45.00-52.00.

FEEDER CATTLE: Steers Large & Medium Frame 1 400-650 lbs. 55.00-63.00.

CALVES 150: Few Choice Vealers 75.00-84.00, Few Good 63.00-70.00, Standard & Good 70-105 lbs. 50.00-58.00.

FARM CALVES: Holstein Bulls 90-120 lbs. 60.00-81.00, Few Holstein Heifers 90-120 lbs. 52.00-62.00.

HOGS 590: Barrows & gilts $1.00-1.50 higher. US No. 1-2 210-235 lbs. barrows & gilts 45.50-46.75 (60 head to 47.85), No. 1-3 190-250 lbs. 44.50-45.50, No. 2-3 200-270 lbs. 40.00-44.50. Sows–US No. 1-3 310-600 lbs. sows 34.50-39.00, Few to 41.00, No. 2-3 300-600 lbs. 30.00-34.00. Boars 30.50-32.00.

FEEDER PIGS 242: US No. 1-3 20-35 lbs. feeder pigs 30.00-40.00 per head, No. 1-3 40-60 lbs. 40.00-49.50 per head.

SHEEP 21: Choice 85-110 lbs. Spring Slaughter Lambs 77.00-83.00, Individual at 130.00 at 88.00, Few Good 65-85 lbs. 70.00-76.00. Few Slaughter ewes 22.00-26.00.

Westminster Livestock Auction

Westminster, Pa.
Tuesday, May 21
Report supplied by auction

SLAUGHTER COWS: Active $1.50 higher. High Yield 44.00-46.00; Utility 41.00-44.00; Canners 38.00-41.00; Shelly 37.00 down. Bulls- 1 Good 1550 lb. at 51.00. Fed Steers- $2.00 higher on good run. High Choice 1050-1200 lb. 57.00-57.75; Good Low Choice 50.00-55.00; Good Holsteins 1000-1600 lb. 45.00-49.75. Fed Heifers- $2.00 higher. Choice 900 lb. 54.50-55.25; Medium to Good 45.00-50.00. Veal Calves- Heavy weights scarce. Choice Individual 335 lb. at 79.00; 145 lb. at 92.00; Standard to Good 120-140 lb. 60.00-68.00; Killers 80-110 lb. 50.00-60.00; Weak/Rough 45.00 down. Farm Calves- $5.00 higher. Holstein Bulls 100-125 lb. 70.00-80.00; 90-100 lb. 65.00-75.00. Butcher Hogs- $1.00 higher. US #1 & 3 215-240 lb. 1 lot at 42.85; 240-260 lb. 42.00-42.25.

STOCK CATTLE: 90 head. Steers- Steady prices. 300-500 lb. Good to Choice 68 00-74.00; Medium 60.00-68.00; 500-700 lb. Good to Choice 66.00-71.00; 700-850 lb. few 60.00-62.00. Heifers- 300-700 lb.-Choice 50.00-55.00; 2 hd. 61.00-62.00; Good 45.00-50.00. Bulls- 300-500 lb. Choice 62.00-67.00; Good 58.00-62.00. Lambs- 44 Hd. $5.00 lower. 90-110 lb. 70.00; Good 65.00-67.00; Few Choice 120-135 lb. 61.00-62.00; 50-80 lb. 63.00-66.00; 30-45 lb 65.00-79.00. Sheep- 35 Head. Good 20.00-26.00; Several 30.00-34.00; Some over Finished 13.00-17.50. Goats- 42 Head. Mature 30.00-46.00, 1 Large to 70.00; Kids 19.00-32.00. Pigs & Shoats- 124 Hd. $3.00-5.00 higher. 25-30 lb. 27.00-39.50; 30-50 lb. 34.00-48.50; 1 lot 72 lb. at 61.00. By the Lb. 1 lot 107 lb. at 54.00. Sows- 500-650 lb. 36.00-39.75; 300-500 lb. 33.00-37.25. Boars- 1 at 430 lb. at 30.75.

Hay 6 Loads

New Alfalfa 2.05 a bale, Alfalfa Orchard Grass 1.40 a bale, Timothy 70.00 a ton, Mixed Hay 70.00 a ton, Barley Straw 56.00 a ton, 1.60 a bale.

Next week, May 28th, will be a special advertised Feeder Cattle Sale.

New Holland Dairy

New Holland Sales Stables
Wednesday, May 29
Report supplied by auction

Reported receipts of 53 cows, 33 heifers, and 6 bulls. Market steady.

Load of PA fresh cows, 560.00-925.00; springers 825.00-900.00.

Load of PA fresh cows, 650.00-1075.00.

Load of NY fresh cows, 785.00-1275.00.

Load of PA fresh cows, 500.00-860.00.

Locally consigned cows 490.00-1200.00.

Springing heifers 510.00-975.00.

Bulls 390.00-550.00

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- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

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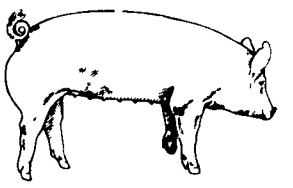
Danville Buying Station
Phone: 717-275-2880



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FRIDAY, JUNE 7
ON THE FARM MONTHLY
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Sale to Start Promptly Every 4 Weeks at 7:30 P.M.

7:30
4 Evening Sales
June 7 July 5 Aug. 2 Aug. 30
7:30 D.S.T.

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

35 Head due between June 9-16
15 head due between June 16 - July 1
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JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa

Abe Diffenbach, Auctioneer AU225L
NEXT SALE DATE JULY 5

Livestock market and auction news

VIRGINIA MARKETS

Virginia Auction Summary

May 23-29
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 3,249.

Trend: Mostly steady to 1.00 lower.

South & Southwest Va.
Smithfield
May 23-29
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 64.00-73.00, 500-700 lbs. 61.50-70.00, 700-1000 lbs. 53.75-64.50. Large 1 300-500 lbs. 66.75, 500-700 lbs. 60.00-73.50. Small 1 300-500 lbs. 60.00-69.00, 500-700 lbs. 58.00-66.50, 700-1000 lbs. 59.75.

HEIFERS: Medium 1 300-500 lbs. 54.50-63.00, 500-700 lbs. 52.00-58.50, 700-900 lbs. 49.00-57.00. Large 1 300-500 lbs. 55.00-63.50, 500-700 lbs. 52.00-58.40, 700-900 lbs. 51.25-54.75, Small 1 300-500 lbs. 43.00-56.50, 500-700 lbs. 47.00.

Northern Va. Auction Summary
May 23-29
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 64.00-75.00, 500-700 lbs. 64.00-74.00, 700-1000 lbs. 55.00-65.50. Large 1 300-500 69.00-73.00, 500-700 lbs. 65.00-69.00. Small 1 300-500 lbs. 55.00-66.00, 500-700 lbs. 56.00-61.00.

HEIFERS: Medium 1 300-500 lbs. 53.00-63.00, 500-700 lbs. 51.00-59.50, 700-900 lbs. 50.00-56.75. Large 1 300-500 56.50-61.75, 500-700 lbs. 54.75-62.50. Small 1 300-500 lbs. 54.00-66.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, May 25
Report supplied by auction

FEEDER CATTLE: Steers-M&L-1 300-500 lbs. 68.00-74.50, 500-700 lbs. 54.00-73.00, 700-1000 lbs. 39.75-55.00, Holstein 300-1000 41.00-54.25. S-1&M&L-2 300-500 lbs. 59.00-69.00. Feeder Bulls M&L-1 500-700 lbs. 45.00-56.50, 700-1000 lbs. 46.50-53.00. Heifers: M&L-1 300-500 lbs. 53.00-64.50, 500-700 lbs. 40.00-59.50, 700-800 lbs. 37.00-48.75.

STOCK COWS: Beef 282.50-520.00. Baby Calves 20.00-79.00.

SLAUGHTER COWS: Utility & Commercial 2-4 35.00-43.75; Canner & Cutters 1-3 29.50-34.00.

SLAUGHTER BULLS 1 & 2: 48.00-51.50.

LAMBS: Blue O. High Choice & Prime 76.00; Red O. Choice 73.00; Feeder Lambs Choice 73.00; Slaughter Ewes 20.00-25.00.

HOGS: US 1-3 200-240 lbs. 42.35.

VEAL: Choice & Prime 78.00; Good 54.00-70.00.

Four States Livestock

Hagerstown, Md.
Wednesday, May 22
Report supplied by Auction

SLAUGHTER: Fed Steers- $1.50 higher. Low Choice 52.00-52.75; Good 50.00-52.00; Medium 45.00-49.00. Heifers- Good 47.00-51.25; Medium 42.00-46.00. Cows- Good run steady prices. High Yield 42.50-44.00; Average 38.00-42.00; Big Middle 35.00-37.00; Fatty Herf. 35.00-39.00; Shelly 37.00 Down. Fat Bulls- $1.00 to $2.00 higher. Good 51.00-56.00; Medium 45.00-50.00. Veal Calves- Heavy calves $3.00 lower. Choice 79.00-81.00; Good 75.00-78.00; Medium 65.00-74.00; Farm Hfrs. 60.00-65.00; Farm Bulls 80.00-93.00; Light Calves 51.00-60.00; Weak Calves 50.00 down. Lambs- $2.00 lower. Choice 67.00-68.00; Good 64.00-66.00; Medium 58.00-63.00.

STOCKER: Steers- 300-550 lbs. Mostly steady prices. Choice 68.00-70.50; Good 60.00-67.00; Medium 52.00-59.00; Culls 51.00 down. Steers- 600-850 lbs. Choice 64.00-67.00; Good 58.00-63.00; Medium 57.00 down. Heifers- (All Weights) Choice 51.00-55.50; Good 46.00-50.00; Medium 40.00-45.00. Dairy Cows to 800.00. Pigs, Hd. Steady to $1.00 lower. 20-30 lbs. 25.00-36.00; 40-60 lbs. 37.00-44.50. Shoats by Lb.-36.00-45.00. Slaughter Hogs- $1.00 higher. 220-240 lbs. 42.25-43.00; 250-270 lbs. 39.75-42.00; 190-205 lbs. 38.00-38.50. Sows- 500-600 lbs. 37.00-39.00; 300-400 lbs. 33.00-36.00. Bulls-Choice 63.00-69.50; Good 56.00-62.00; Medium 48.00-55.00.

We open every Wednesday at 8 A.M. to receive livestock. All livestock is weighed when received, not when it is sold. "This is an inweight sale." Hatfields $43.50.

Greencastle Livestock

Greencastle, Pa.
Monday, May 27

CATTLE. Butcher Steers-Choice 54.00-56.50, few 58.00; Butcher Steers- Medium-Good 51.00-55.00; Butcher Heifers-Choice 53.00-55.00, few to 57.00; Butcher Heifers- Medium-Good 48.00-54.00; Butcher Cows- Utility-Good 44.00-48.00, few to 50.00. Butcher Cows- Canners and Cutters 40.00-44.00; Butcher Cows-Shells 40.00 & down; Butcher Bulls-Medium-Good 48.00-58.00; Stock Steers- Medium-Good 68.00 & down; Stock Heifers- Medium-Good 57.00 & down.

CALVES. Medium-Good Calves-160-220 lbs. 75.00-86.00; Medium-Good Calves-125-160 lbs. 65.00-75.00; Medium-Good Calves-100-120 lbs. up to 59.00; Medium-Good Calves-80-100 lbs. up to 55.00; Holstein Bull Calves up to 92.00; Holstein Heifer Calves up to 65.00; Thin & Rough Calves 50.00 & down.

SHEEP and LAMBS. Choice Lambs 70.00-75.00; Medium-Good Lambs 58.00-65.00; Butchering Ewes and Bucks 17.00-25.00.

HOGS. Good-Choice Butcher Hogs 190-225 lbs. 43.00; Good-Choice Butcher Hogs 225-250 lbs. 44.85; Good-Choice Butcher Sows 400 lbs., down 35.00-39.50; Good-Choice Butcher Sows 400 lbs., up 38.00-41.50; Heavy Boars 31.25; Light Boars 34.00; Feeding Shoats - Per Hundred 18.00-36.00.

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Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

COWS COWS COWS

SALE EVERY FRIDAY

Lots of good Northern Feeder & Stockers. Slaughter Cows - Bull Steer, Veal-lamb.

11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

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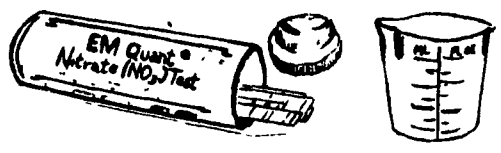

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NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Be Alert For Corn Pests

We are into the season for cutworm damage on corn and this includes the black cutworm. Just a reminder to keep a close check on all corn fields for the next few weeks.

Damage symptoms will be plants cut off just above the ground level. The culprit will be hiding in the soil a few inches from the cut plant.

We suggest a rescue treatment if 2-3% of the plants are cut and you can find more than 5 larvae per 100 plants. Remember the black cutworm is the one with the granular skin.

The control materials listed in the 1985-86 Agronomy Guide include Lorsban or Sevin or Dyfonate or Penncap or Dylox. Be sure to follow all label directions.

To Manage Farm Ponds

A nice farm pond is a great asset to any property. Many farms have ponds but too many of them are neglected. A pond needs attention the same as any other area on the farm. If we want that half-acre of ground, that is covered with water, to produce a crop of fish or provide recreation and fire protection, we need to give it some attention.

The problem with algae and weeds is very common at this time of year. Many hours of pleasant swimming, boating or fishing are ruined because of the mass of algae or weeds.

Numerous chemicals can be used to control these problems but, first, a permit should be obtained from the Pennsylvania Fish Commission. Application blanks for this permit are available from any Extension office or from the local Pennsylvania Waterways Patrolman. A good pond requires management.

To Clip Pastures

Mowing permanent pastures at this time of year is a very good idea. Many of the plants will be heading out and some will go to seed; this means that the plants should be mowed. This practice will help control weeds and encourage new growth of grass.

Livestock will consume the dry clippings. Pastures should be clipped several times during the season. In addition, the clipped area will look much better to the general public as they travel through the country.

To Reduce Rural Crime

Rural crime has become a sad fact of life. Most facts and figures that we read indicate an increase in rural crime. There are many things you can do to "make crime more trouble than it's worth". That would include installing and using locks, bringing your equipment inside, or putting it in a well-lighted area at night. Also, do not keep loading chutes near gates. One of the most important things you can do is to establish "crime watch" with your neighbors.

You also can borrow an engraving tool from your local police department to mark you equipment with your driver's license number. Social Security numbers are non-retrievable so your driver's license number is a much quicker identification.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

WHEN IT'S YOUR OX THAT'S GORED
June 2, 1985

Background Scripture:
Proverbs 1:7-19; 3:5-8; 14:1-12.
Devotional Reading:
Proverbs 6:1-15.

One of the achievements of understanding is the ability to differentiate between intelligence, education, and wisdom. Lots of people fail to distinguish the important differences between them.

Some of the most intelligent people I've known have not had much of a formal education (although an education could have enhanced their superior intelligence). I've also known some people who were well educated and obviously quite intelligent, but that did not necessarily say that they were also wise. In fact, some of the most foolish people I've known (and this can include myself) have been both well-educated and quite intelligent.

LEARNED FOOLS

I have frequently noted that some people seem to reach a point in life where, surrounded upon success after success, they have come to believe that all their judgements and decisions are guaranteed to be right. Hitler, for example, began the Second World War with a string of brilliant victories. As time went by, however, he was so intoxicated by his success, that he refused to follow the wise advice of those around him. The result was crushing defeat. I have also known businessmen with brilliant track records for success after success who, eventually, have come to bitter and humiliating ends. The reason: they forgot or perhaps never knew that there are always limits to human wisdom.

The problem is that our cleverness often leads us in the direction of pride and self-satisfaction which is the opposite direction from wisdom. If we are really learned or ... rt or both, we will realize the limitations of ... faculties. The result will be humility, not pride. The more we know, the more we will realize how much we don't know. The more we understand, the more we will acknowledge the enormity of what we do not understand.

WISE IN WHOSE EYES?

But there's more to it than learning our own limitations. The writer of Proverbs counsels us: "Trust in the Lord with all your heart, and do not rely on your own insight" (3:5). The more we learn about life, the more we will realize that none of us, by ourselves, is sufficient. There are times when we have thought as clearly as we can think, when we have preserved as long as we could, and worked as hard as we have strength, and it still was not enough. Real learning, intelligence and wisdom mean that we find there is something beyond ourselves on which we must ultimately rely and someone to whom we must eventually turn. "Trust in the Lord..." is the sage's counsel, but it takes a truly smart person to do it. Only the smart person realizes that smartness is never enough—no matter how brilliant it may seem to ourselves, no matter how much it may dazzle others.

When we have reached the extremities of our own wisdom, it is then that we enter to the precincts of the wisdom of God.

Ag Secretary John Block pushes for market-oriented industry

Since becoming Secretary of Agriculture, I have dealt with a significant number of issues important to agriculture. In most instances, we arrived at workable solutions that were acceptable to all concerned parties.

Nonetheless, one of my greatest disappointments over the last four-and-a-half years has been the inability to unite the dairy industry and achieve a long-term solution to the dairy surplus problem. I have personally spent more time and effort on dairy than any other issue during my tenure as Secretary. Between March 1981 and November 1983, there were seven separate pieces of legislation enacted dealing with the dairy price support program.

Thus, I was extremely disheartened to learn that the Board of the National Milk Producers Federation is considering the adoption of a program for the 1985 Farm Bill that once again fails to address the major problems in the dairy industry – price supports above market-clearing prices and the continued excess resources in both dairy production and processing capacity.

Let me address each of these proposals separately. First, setting the dairy support price according to changes in the cost of production is a major step backward in our effort to develop market-oriented dairy policy. This proposal ignores the most important factor that we must take into account, the marketplace.

Economic formulas are complicated and require constant adjustment to reflect changes in technology and relative prices. Nor do they adequately consider changes in the demand for milk or the impact of changing prices of substitute products.

Price supports must reflect economic conditions in the dairy industry and the marketplace and have flexibility to fluctuate, up or down, in response to changes in these conditions. Market prices, not economic formulas, more accurately reflect these conditions.

Second, the Federation has again adopted supply management in the form of a milk diversion program tied to a level of projected Commodity Credit Corporation (CCC) purchases of dairy products. More importantly, the diversion program becomes mandatory if CCC purchases are projected to exceed seven billion pounds.

CCC purchases of dairy products for Fiscal Year 1985 are projected to exceed nine billion pounds. Thus, this proposal, if adopted, guarantees that a mandatory supply program would be put into effect this October. I am personally opposed to this approach, and this Administration will not be a party to this program.

In 1983, the Administration agreed to a limited voluntary diversion program as part of a broader approach which included discretionary authority to adjust the price support on April 1 and July 1 of this year following termination of the diversion program.

I need not remind the dairy industry that the President agreed to sign this legislation only after gaining assurances from members of both the Senate and House Agriculture Committees that the diversion program would not be extended. This Administration does not view the use of supply management programs as a long-term solution to the problems currently facing the dairy industry.

A continuation of any form of supply management will institutionalize the use of bases in dairy. The adoption of quotas or bases results in income being transferred directly from consumers to quota holders through higher prices for milk. These higher milk prices would be capitalized into the quotas and they would take on added value almost immediately.

Quotas would freeze existing

(Turn to Page A36)

Farm Calendar

Saturday, June 1

Chester County dairy princess pageant, West Fallowfield Christian School, Atglen.

Clearfield County dairy princess pageant, Eastern Star Building, Clearfield.

Jefferson County dairy princess pageant, Horntown Community Center, Reynoldsville.

Tioga County dairy princess pageant; Mansfield High School, Mansfield.

Wayne County dairy princess pageant, Seelyville Fire Hall, Seelyville.

Sunday, June 2

86th Annual Convention and Food Trade Exhibit, Pa. Grocers Association; Hershey Lodge and Convention Center; continues through June 5.

Wednesday, June 5

Lancaster Conservation District monthly board meeting, 7:30 p.m., Farm and Home Center.

Cedar Crest Young Farmers Banquet, Schaefferstown Fire Hall, 7 p.m.

Friday, June 7

37th Delmarva Chicken Festival at Wicomico Youth and Civic Center, Salisbury, Md.; continues through June 9.

SE Pa. Lamb Grading and Marketing Workshop; continues through June 8. Peters Brothers Meats, Lenhartsville.

"Milk...It's Fitness You Can Drink Day," 11:30 a.m., Independence Mall, Center City Philadelphia.

Saturday, June 8

Cumberland County Farm Tour, Ashcombe's Dairy Farm and Strockland Farm, Mechanicsburg, 10 a.m. to 2 p.m.

Armstrong County dairy princess pageant, Lenape Vo-Tech School, Ford City.

Sunday, June 9

Deer Creek Fiddler's Convention, 11 a.m. to 10 p.m., Carroll County Farm Museum, Westminster, Md.

Monday, June 10

28th Mushroom Industry Short Course, PSU; continues tomorrow.

Tuesday, June 11

Pa. Agriculture promo, Keister's Middleburg Auction.

Summer tour in northern Virginia, State Horticultural Association of America.

Thursday, June 13

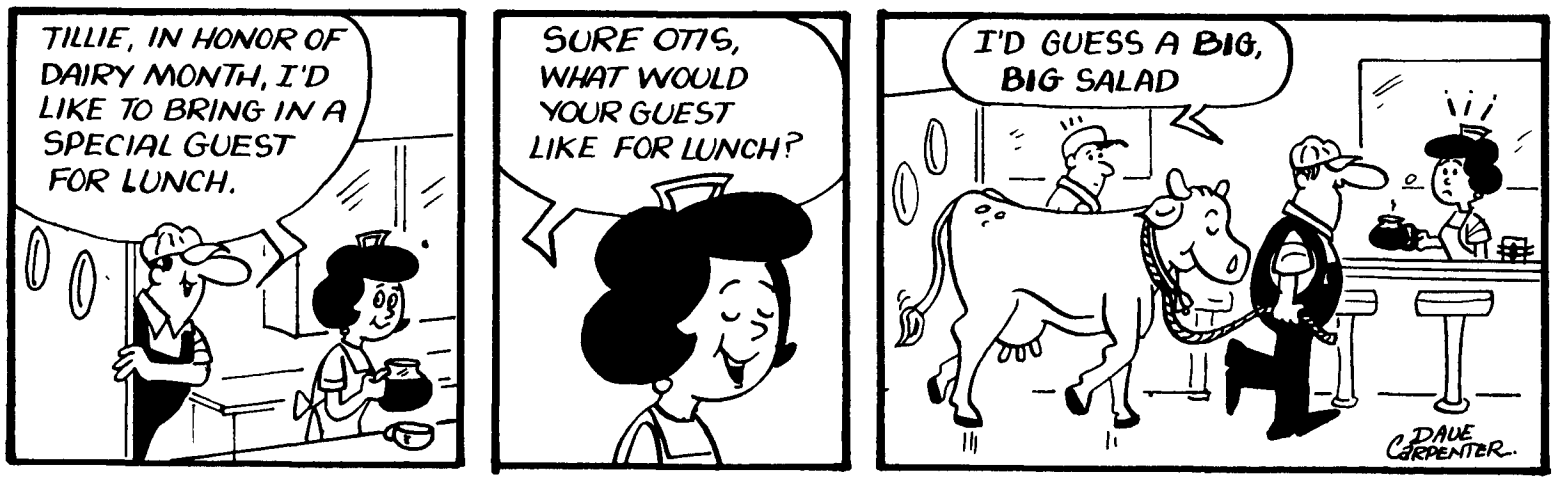
Annual Meeting of the American Guernsey Cattle Club, Denver, Colo.; continues through June 17.

Mercer County dairy princess pageant, Mercer County Extension office, Mercer.

Friday, June 14

Pa. State Rabbit Conference;

(Turn to Page A12)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Pa. state fairs get improvement funds

HARRISBURG – Sixty Pennsylvania agricultural fairs will receive matching fund payments totaling $120,183 for capital improvements this year, according to Acting State Agriculture Secretary George F. Grode.

Grode said this is the first time in six years that funding has been available for capital improvements at the state's 105 fairs. "Each year, $2.5 million is appropriated to our fairs to reimburse their costs of events, exhibitions and premiums," Grode said. "Matching funds for capital improvements become available when a balance remains after other Fairy Fund obligations have been met."

Grode said that a committee established to consider the matching funds payments had given approval for priority payments to 20 fairs which have had matching funds requests on file the longest. These payments range from $723 to $3,500. Another 40 fairs will each receive equal payments of $1,665.

"This system was determined to be the most equitable," he said, noting that the 60 fairs had applications on file for $781,395 in matching funds.

"Our local, county and regional fairs are unique to Pennsylvania, providing a great opportunity to promote a better understanding of agriculture, while giving the farm community the chance to compete and improve the quality of Pennsylvania crops and livestock," Grode said.

The Acting Secretary said applications for the balance of these matching funds requests would remain on file, and receive further consideration in the future when funds are available.

Strong dollar

WASHINGTON – There's no doubt the strong U.S. dollar has hurt American exports, but the dollar may sometimes get too much of the blame, says a recent issue of the Agriculture Department's FARMLINE magazine. According to economist Mary Ponomarenko of USDA's Foreign Agricultural Service, a rising dollar does not necessarily price our products out of the market.

Ponomarenko points out that high inflation rates in many importing nations have partly offset, or even completely overshadowed, the effects of the dollar's climb against these currencies.

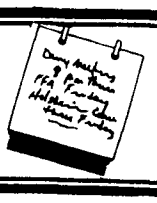
Take the case of U.S. corn to Mexico. The average U.S. Gulf port price for American corn rose 15% between 1980 and 1984. But the appreciation of the dollar against the Mexican peso raised the price of U.S. corn in pesos by more than 700%--enough, probably, to discourage any purchases had it not been for Mexico's runaway inflation. Inflation raises the prices of all goods and services in the economy, so a 700% increase in the price of imported corn is high only if other prices in Mexico rose by a much smaller amount. After adjusting the U.S. corn price for changes in both the exchange rate and inflation, the "real" cost to Mexico for U.S. corn rose by 30% from 1980 to 1984.

Or consider the Korean example. Again, the U.S. dollar price for corn rose 15%, but the appreciation of the dollar jacked up the price in South Korean currency by slightly more than 50%. When inflation rates are also taken into account, however, the "real" price of U.S. corn to Korea rose by only 10%. South Korea's inflation rate had, in fact, more than compensated for the dollar's climb.

Trade analysts do not claim that we shouldn't worry about a strong dollar. Even in markets with high inflation rates, costs of U.S. products would be much more attractive without the sharp appreciation of the dollar. That, in turn, might encourage more imports, and it would almost certainly improve America's competitive position vis-a-vis rival suppliers.

Instead, analysts point to the Mexican and Korean examples to show how the price of impact of the strong dollar can be greatly exaggerated if inflation rates are ignored. Both exchange rates and inflation rates must be considered, they say. The dollar's rise may have hurt more in some countries with relatively strong currencies but low inflation rates, such as West Germany, than in many less developed countries with weak currencies but high inflation.

Farm Calendar



(Continued from Page A10)

continues through June 15. Call 814-865-8301.

Cumberland County dairy princess pageant, Embers, Carlisle.

Perry County dairy princess pageant, Newport Fairgrounds, Newport.

Saturday, June 15

York County Farmers Association, free farm tour, Hellam area, 10 a.m. to 4 p.m.

Junior Livestock Day, Ag Arena, Penn State University.

Adams County dairy princess pageant, Biglerville High School.

Franklin County dairy princess pageant, Kauffman Community Center, Chambersburg.

Huntingdon County dairy princess pageant, Shaver's Creek Community Building, Petersburg.

Lancaster County dairy princess pageant, Farm and Home Center, Lancaster.

Sullivan County dairy princess pageant; Main Street, Dushore.

Sun Area dairy princess pageant, Boscoe's, Susquehanna Valley Mall; Selinsgrove.

Washington/Greene County dairy princess pageant, Washington County Fairgrounds, Washington.

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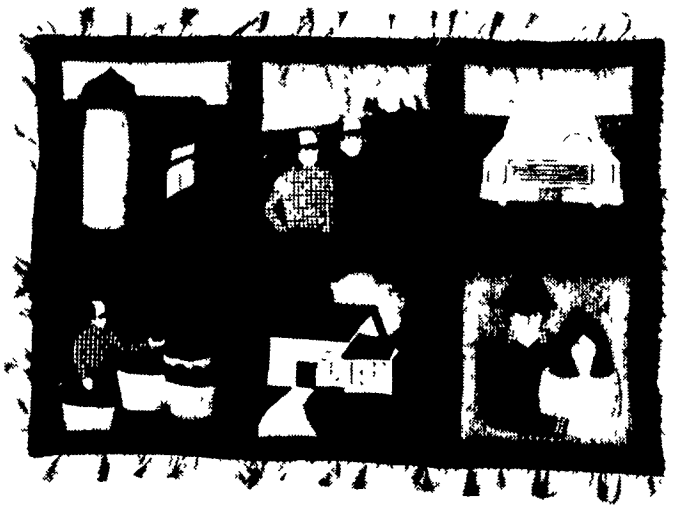

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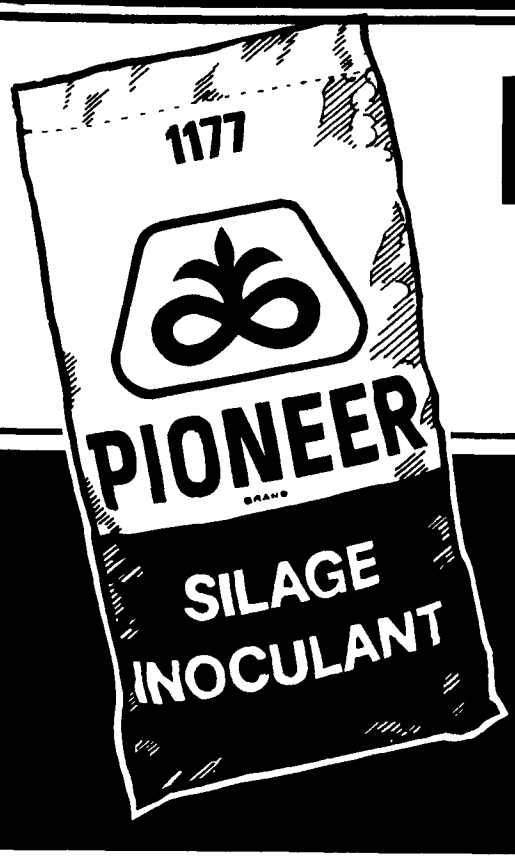

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Livestock market and auction news

Farmers Livestock Auction

Duncanville, Pa.
Monday, May 27
Report Supplied by PDA

CATTLE 172. Choice 54.00-57.50, High Good & Low Ch. 51.00-53.00, Good 46.00-49.50, Good & Choice holsteins 49.50-52.25, Standard 45.25-48.25, Utility 39.75-44.10. Choice sl. heifers 54.00-56.10, Good 49.00-52.25, Standard 45.00-48.50, Utility 39.50-43.75. Breaking Ut. & Commercial sl. cows 44.25-46.10, Cutter & Boning Ut. 40.50-42.75, Canner & Low Cutter 34.25-39.75, Shells down to 26.00. Choice sl. bullocks 49.00-52.50, Good 46.00-48.25, Standard 43.10-45.00, Utility 38.00-42.00.

FEEDER CATTLE: Steers Good 56.00-63.00, Standard 47.00-53.00, Heifers Good 48.00-54.00, Standard 43.00-46.50, Bulls Good 52.00-58.00, Standard 44.00-49.00.

CALVES 283. Choice 78.00-86.00, Good 69.00-76.00, Standard 61.00-68.00, Standard & Good 90 lb.-130 lb. 51.00-58.00, Utility 60-80 lbs. 46.00-49.00.

FARM CALVES: Holstein bulls 90-130 lbs. 64.00-84.00, Holstein heifers 95-115 lbs. 56.00-68.00.

HOGS 127. US No. 1-2 220-240 lbs. barrows and gilts 44.25-45.10, No. 1-3 200-260 lbs. 42.25-43.75, No. 2-3 180-360 lbs. 38.25-41.75. US No. 1-3 350-600 lbs. sows 38.50-42.25, No. 2-3 350-600 lbs. 33.25-36.75. Boars 28.25-29.00, Light weights 29.25-30.50.

FEEDER PIGS 19: US No. 1-3 20-25 lbs. feeder pigs 16.00-22.00 per head, No. 1-3 30-35 lbs. 24.00-29.00.

SHEEP 19. Choice 80-90 lbs. 54.00-62.00 lbs., Good 60-70 lbs. 46.00-52.00, Slaughter ewes 14.00-18.00.

GOATS 3. 18.00-27.00.

Oklahoma Cattle

Wednesday, May 29
Report Supplied by USDA

Estimated Receipts: 9000
Same Day Last Week: 8,698

Feeder Steers and Heifers mostly steady, except 600-700 lb. Steers 1.00-2.00 lower. Trade moderately active, demand moderate. Hot muggy weather creating abundant waterfills on many native cattle. Overall quality this week somewhat plain. Bulk of receipts Medium Frame 1 and Mixed 1-2 525-900 lb Steers and 450-750 lb. Heifers and Mixed 1-2 500-900 lb. Steers and 450-750 lb. Heifers.

FEEDER STEERS: Medium and Large Frame 1 few 375-400 lb. 75.25-76.00; 500-600 lb. 69.70-73.00, lot 525 lb. 75.00; 600-700 lb. 63.70-66.90, package 615 lb. 68.20, many full 650-700 lb. 60.05-62.80; 700-800 lb. 62.00-64.00, lot 715 lb. 65.60; 800-900 lb. 60.10-63.30; load 950 lb full 59.80.

Medium and Large Frame Mixed 1-2 few 425-500 lb. 68.50-72.90; 500-600 lb. 64.20-68.00; 600-700 lb. 60.05-65.00; 700-800 lb. 58.30-62.40; 875-950 lb. 57.90-59.10.

Large Frame No. 2 Holsteins: Lot 440 lb. 58.80; 535 lb. 55.90; 625-700 lb. 52.70-53.50; 750-950 lb. 49.90-51.10.

FEEDER HEIFERS: Medium and Large Frame 1 Few 330-450 lb. 64.00-64.80; 600-700 lb. 58.40-60.70, lot 665 lb. Fleshy 57.70; 700-800 lb. 58.30-60.30; Medium and Large Frame Mixed 1-2 few 350-400 lb. 60.00-62.10; 400-500 lb. 59.20-61.90; 500-600 lb. 59.00-59.70, lot 535 lb. thin 60.50; 600-750 lb. 56.40-58.00.

Medium and Large Frame 2 package 345 lb. 59.00; 525-725 lb. few 54.10-56.00.

FOR THE WEEK: Feeder Steers and Heifers steady to 1.00 lower. Slaughter Cows steady to 1.00 lower. Slaughter Bulls steady.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, May 28
Report supplied by Auction

Beef Cows: Utility and Commercial 43.25-46.10; Cutters 39.85-42.85; Canners 37.10-39.75; Shells 35.75.

Heifers: Good 52.50-54.35; Standard 49.50-51.25; Commercial 43.00-48.00.

Steers: Good 51.50-54.50; Standard 48.00-50.00.

Bulls: Good 49.60-51.10; Standard 44.00-48.10.

Feeder Cattle: 300-500 lbs. large frame 48.75-52.30; 300-500 lbs. small frame 45.00-48.00; 500-700 lbs. small frame 46.00-51.00.

Veal Calves: Choice 88.00-94.00; Good 70.00-86.00; Standard 55.00-69.00; Utility 45.00-54.00.

Farm Calves: Bulls 90.00-121.00; Heifers 58.00-65.00.

Hogs: 41.75-44.75.

Sows: 33.50-37.10.

Shoats: 25-30 lbs. per head 18.00-28.00; 30-35 lbs. per head 30.00-38.00; 35-50 lbs. per head 35.00-46.00.

Lambs: 71.00-80.00.

Sheep: 19.00-31.00.

New Holland Horse

New Holland Sales Stables
Monday, May 27
Report supplied by auction

Reported receipts of 278 head of horses, mules and ponies. Market: lower.

Local:

Better horses 425.00-550.00.

Driving horses 275.00-775.00.

Registered horses 650.00-1300.00.

Riding horses 250.00-350.00.

Lightweight killers 175.00-225.00; Heavyweight killers 275.00-350.00.

Mare ponies 35.00-75.00; Colts 10.00-30.00; Gelding ponies 35.00-75.00.

Larger ponies 125.00-225.00.

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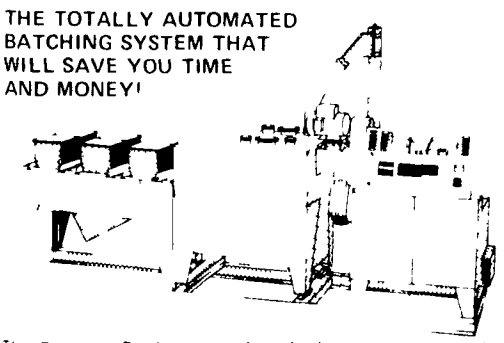

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St. Louis Cattle

Thursday, May 30
Report Supplied by USDA

Receipts this week	2,600
Week Ago	3,100
Year Ago	2,800

Compared to last week's bulk sales, slaughter steers mostly steady, instances .50 lower. Slaughter hefiers steady. Cows and bulls steady. Slaughter supply mainly choice and mixed choice and prime slaughter steers and heifers, around 10% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1075-1325 lbs. 58.50-59.00. Choice 2-4 950-1300 lbs. 57.00-58.50. Mixed good and choice 2-3 900-1250 lbs. 56.00-57.50. Good 2-3 900-1200 lbs. 54.00-56.00. Mostly good 2-3 1100-1450 lb. holsteins 49.00-52.00. Package choice 1400 lbs. 54.00. Standard to good 2-3 1050-1300 lbs. 46.00-49.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1125 lbs. 57.00-57.50, package 58.00; 3-4 1025-1075 lbs. 53.50-54.00. Choice 2-4 850-1100 lbs. 55.50-57.00. Mixed good and choice 2-3 800-1025 lbs. 54.00-55.50. Good 2-3 750-975 lbs. 51.00-54.00.

COWS: (Closing Week Sales) Breaking utility and commercial 2-4 41.00-43.00. Cutter and boning utility 1-2 41.00-43.00. High-yielding utility 1-2 43.00-44.00. Canner and low cutter 1-2 37.00-41.00. Shelly canner 1-2 31.00-37.00.

BULLS: Very few YG 1-2 1100-1900 lbs. 46.00-51.00. Couple YG 1 1675-1800 lbs. 52.00-52.50.

Wednesday, May 30

Wednesday's Weekly Sheep Auction. Receipts around 300 head. Compared with last week, spring slaughter lambs 3.00 lower. Feeder lambs weak. Trading moderately active. Demand moderate for moderate supply. Attendance good.

SPRING SLAUGHTER LAMBS: Mostly choice 90-95 lbs. 68.00-74.00. Mixed choice and prime 95-115 lbs. 75.00-77.00.

SLAUGHTER EWES: Utility to good 20.00-24.00.

FEEDER LAMBS: Mixed choice and fancy 45-60 lbs. 59.00-62.00; 60-70 lbs. 68.00-68.50.

GOATS: Mostly 24.50-31.50 per head.

St. Louis Feeder Cattle

Thursday, May 30
Report supplied by USDA

FEEDERS: (Including around 700 at regular Thursday auction.) Feeder steers under 600 lbs and feeder heifers under 500 lbs weak to 2.00 lower. Limited supply heavier weights of both classes steady. Supply mainly medium and large frame 1-2 steers and heifers, with several fleshy lots.

FEEDER STEERS: Limited supply medium and large frame 1. 300-600 lbs 72.00-75.50, several lots fleshy 500-900 lbs. 57.00-61.25. Medium and large frame 1-2: 300-500 lbs. 65.00-70.00 Large frame 2 holsteins: Few lots 650-1,000 lbs. 51.75-56.25.

FEEDER HEIFERS: Medium and large frame 1: 300-500 lbs. 60.00-65.00; 500-700 lbs. 58.00-60.25. Lot thin 550 lbs. 64.75. Fleshy 500-700 lbs 55.00-57.00. Medium and large frame 1-2: 300-600 lbs 58.00-61.50

Valley Livestock

Athens, Pa.
Monday, May 27
Report supplied by auction

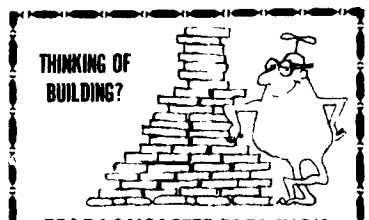
Holstein Hfr. Calves to 71.00.
Veal Calves 65.00-85.00.
Vealer Bull Calves 70.00-88.00.
Slaughter Calves 55.00-60.00.
Grassers & Feeders 35.00-50.00.
Lambs 60.00-88.00.
Sheep 20.00-36.00.
Hogs, 200 to 250 42.00-45.50.
Sows 32.00-34.50.
Boars 32.00-34.50.
Pigs each 25.00-52.00.
Heifers 40.00-46.75.
Steers, good 50.00-55.50.
Steers, feeder 40.00-62.00.
Bulls 40.00-51.50.
Cows, utility 41.50-44.75.
Cows, fat 40.00-43.00.
Cows, medium 38.00-40.00.
Cows, poor or small 32.00-36.00.
Cattle Market real good.
Calf Market higher.
Horses to 285.00.
Ponies none.
Goats each 15.00-50.00.

Remarks: Market real active-we need more livestock every Monday - we have the buyers.

Good's Fruit and Vegetable Auction

Tuesday, May 28
Leola, PA
Report Supplied by Auction

ASPARAGUS- 80-1.30 (3/4#bunch)
BROCCOLI-3.50-7.50 box.
CAULIFLOWER-4.00-4.50 box.
LETTUCE-(head) 2.00-3.25 box
ONIONS-.19-.30 bunch
PEAS-18.75-26.00 bu
RADISHES- 45- 90 bunch
SPINACH-5.00 bu.
STRAWBERRIES-3.50-10.50 flat.
SUGAR PEAS-7.00-9.50 10# box
SUGAR SNAPS-17.00 half bu.



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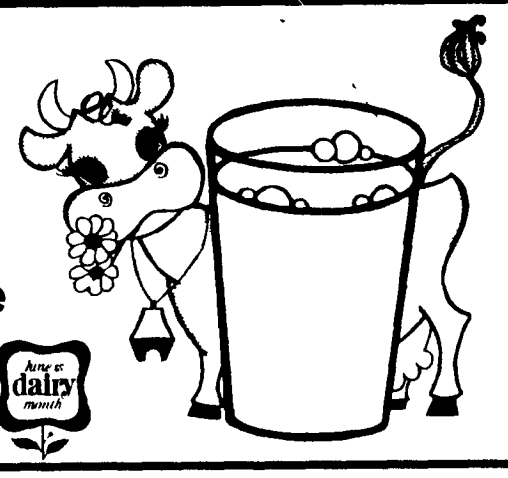

TRACTORS:

JD 3010 Diesel	$5,850
JD 4230 Quad, Sound Guard	$17,500
JD 2630 Die SOLD ctor, Hi-Lo 540-1000	$9,750
JD 2440	$11,500
(1) White 2-105 w/Roll Guard	Make Offer
(1) F, SOLD H	$950
IH 240 w/Fast Hitch and 2B Plow	$2,150
White 2-60 4WD w/Loader, 800 Hrs	Make Offer
Ford 8000	Make Offer
IH 826 Turbo	$8,750
MF 30B Industrial	$10,950
Farmall M w/Loader	$1,650
JD B Hi-Comp	$1,250
MM G13 SOLD hp	$3,500
Oliver 1255 4WD Tractor w/Loader	$6,950

COMBINES & PICKERS:

(1) JD 6620LL Combine 800 Hrs	Price On Request
JD 3300 Dsl w/Cab, 343 C H & Rotary Screen	Price on Request
(1) IH 203 Combine, Gas w/10' Platform, P U Reel, 2 Row Cornhead, Cab	$3,950

GRAIN DRYERS:

(2) New Farm Fans AB8 Auto-Batch Dryers MUST MOVE CALL FOR PRICE	(Dealer Inquiries Welcome)

MISCELLANEOUS:

20 8x38 Direct Axle Dual Wheels	
18 4x38 Snap on Dual Wheels	
18 4x38 Direct Axle Dual Wheels	
14 9x38 Direct Axle Dual Wheels	
20 8x34 Direct Axle Dual Wheels	
18 4x34 Snap on Dual Wheels	
Papec #880 Grinder Mixer w/Molasses Attach - Sharp	$3,950
IH 850 Grinder Mixer	$1,450
JD 6 Row 30" Rear Cultivator	$1,250
14 9x26 T-rail duals	
20 8x34 direct axle, less rubber	
NH 679 tandem axle spreader, hyd endgate	$4,500
NI Tandem Axle Spreader	
Better Bilt 1500 Gallon Tank Spreader w/ejectors	$4,450
NH #90 Bale Mover	

HARVESTERS & FORAGE EQUIPMENT:

JD 5400 4 WD Harvester 3 Row 30" Row Crop & 7' Pickup	
NH 1880 Self Propelled Harvester, 3 Row Pickup, Dsl Hydro, 600 Hrs	$23,500
NH S717 Harvester w/770W PU Attch	
NI 2 R Narrow Model 325 Pull Type Picker w/Grinder	$4,500
(1) John Deere 34 w/One Row Row Crop	$1,550
(1) John Deere Three Row Row Crop Attachment, New Belts	$3,850

HAY MACHINES:

JD 1209 Mower Conditioner	$2,750
JD 1209 Mower Conditioner w/Stub Guards	$3,850
JD 1209 Mower Conditioner	$3,450
JD 480 Mower Conditions	$1,850
JD 336 Baler SOLD Ejector	$5,450
JD #39 Mower 3 pt	$950
NH 469 Mower Conditioner	$2,650
JD 14T Baler	$750
NH 273 Baler w/Thrower	$2,750
NH 479 Haybine	$3,850
Hesston Hydro-Swing Mower Conditioner	$2,750
JD 24T Baler w/Ejector	$1,950

PLANTERS & GRAIN DRILLS:

JD 6-Row 7000 Planter w/No-Till	$8,750
JD FB-B 15x7 Drill	$650
JD 440 4 Row	$375
Ontario 15x7 NeSOLD yle Drill	$1,750
JD 490 4 row Planter	$375

TILLAGE:

JD 11' 3 pt Chisel	$1,450
JD 5-16" 2,500 Auto Reset Plow	$2,850
JD 3-16 ' F-845 Roll-Over Plow	$2,950
JD 3x16" Plow, 3 Pt	$675
Oliver #565 4-15 Semi-Mounted Plow	$1,450
JD BWF 18' Wing Disc	$2,650
JD 10' SOLD ransport Disc	$950
JD 210 Disc 11'x5"	$3,950
Howard 100" 1000 PTO Rotovator	$3,450
Brady 30' Field Cultivator	$5,450
JD F145 6x16 Plow	$1,850
JD F350 5x16 Plow	$2,450

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

(1) JD 2700 5-18" Plow with C SOLD oards and Coulters, Cash Price	$8,600
(2) JD 415 Rotary Hoe Cash Price	$2,295 Each

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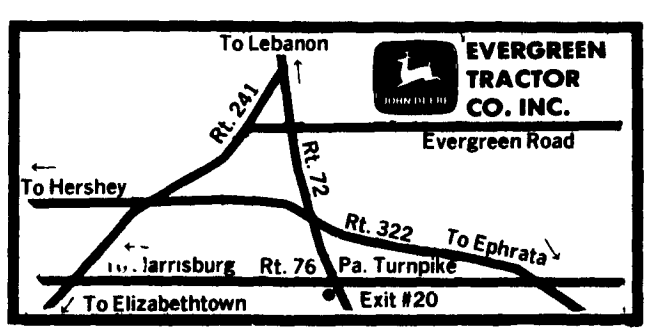
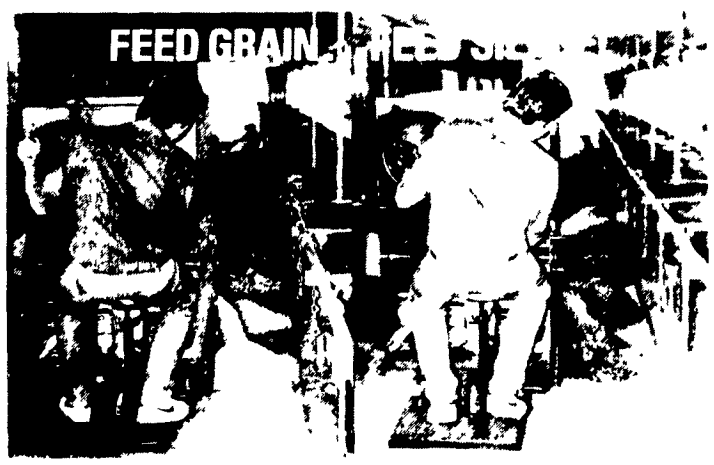
David Brown 990 Tractor
JD #653 6 row 30" Bean Head
JD 13 Grain Head w/pickup reel



30 Evergreen Rd , Lebanon, PA , (717) 272-4641 or Toll Free 1-800-441-4450 Ext #6

UEBLER OUTPERFORMS



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Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, May 28
Report Supplied by PDA

CATTLE 241: In comparison, Prime Slaughter Steers, One 1240 lbs. at 58.00, Choice 2-4 1110-1405 lbs. 55.00-57.75, One 58.00, Few down 53.75, Few Good 55.25-56.00, Good & Choice Holsteins 49.25-53.50, Few Choice to 55.00, Few Standard 47.75-48.25, Few Utility 42.50-44.00. Choice Slaughter Heifers 52.00-55.50, Few Good 49.00-52.75, One 54.50, Few Standard 44.25-50.00, Few Utility 40.50-44.25. Breaking Utility & Commercial Slaughter Cows 42.50-44.85, Few 48.00, Cutter & Boning Utility 39.25, Few 44.25, Canner & Low Cutter 36.00-40.25, Few Shells down to 32.00. Good Slaughter Bullocks 50.50-52.00 few 54.50, Few Standard 45.50-49.75. Yield Grade No. 1 1255-2000 lbs. Slaughter Bulls, 49.00-53.00, Few 56.25, Few Yield Grade No. 2 1435-1650 lbs. 47.25-48.50.

CALVES 140: Few Choice Vealers 73.00-84.00, Few Good 61.00-73.00, Standard & Good 90-115 lbs. 55.00-60.00, 65-85 lbs. 45.00-52.00, Utility 60-85 lbs. 30.00-48.00, Few Good & Choice 275-375 lbs., Slaughter Calves 57.00-70.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 60.00-81.00, Few Holstein Heifers 100-110 lbs. 58.00-72.00.

FEW BEEF CROSS BULLS AND HEIFERS: 105-180 lbs. 60.00-87.00.

HOGS 194: Three Lots US No. 1-2 235-245 lbs. barrows & gilts 45.35-46.35, No. 1-3 225-250 lbs. 44.75-45.60, Few No. 2-3 215-260 lbs. 43.60-44.10. Sows–US No. 1-3 300-560 lbs. sows 34.50-38.00, No. 2-3 335-555 lbs. 32.00-36.00, Few Medium 250-375 lbs. 24.00-33.00. Few Boars 30.00-32.50.

FEEDER PIGS 23: Lot US No. 1-3 47 lbs. feeder pigs 84.00 per hundredweight, Lot No. 1-3 88 lbs. 77.00 per hundredweight.

SHEEP 2: Two High Choice 50 lbs. Spring Slaughter Lambs 85.00 & 90.00.

Joliet Cattle

Thursday, May 30
Report Supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 1150; 5 days last week 1182; same period a year ago 2053. Trading slow to moderate for the week. Slaughter steers ended the week steady to 50 higher, with all loads of steers weighing over 1200#. Slaughter heifers 50 higher.

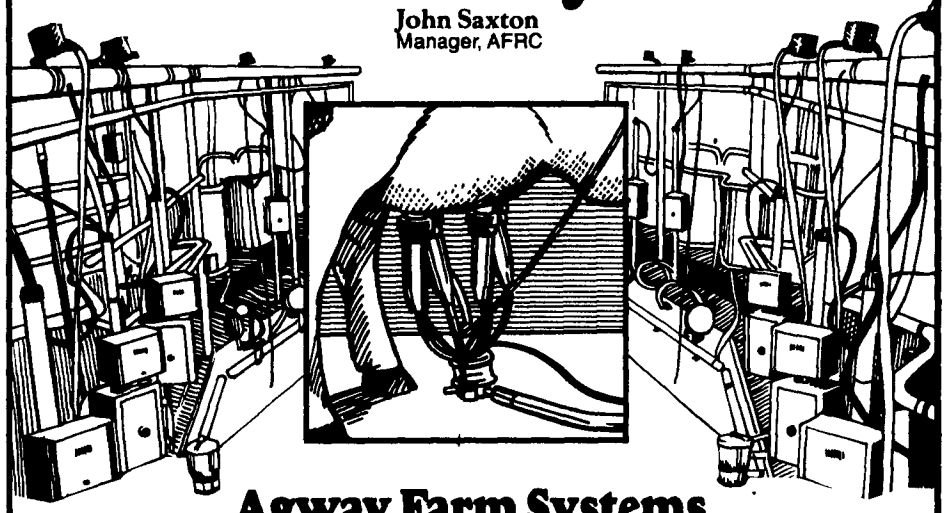
SLAUGHTER STEERS: Choice few loads carrying prime end 2-4 1200-1400# 57.00-58.50, load 1425# 56.00 Tuesday; package 58.00 Wednesday. Choice with a few prime 3-4 few 5 1280-1380# couple loads 54.00 Tuesday; load 4-5 1400# 51.00. Mixed good and choice 2-3 1225-1360# 56.00-57.00 Wednesday. Mixed good and choice 2-3 1350-1480# holsteins 50.75-51.00.

SLAUGHTER HEIFERS: Choice 2-4 950-1100# 56.50-58.50, load 58.75, load 59.00 Tuesday; 56.50-58.00 Wednesday. Couple loads choice 3-4 few 5 1100-1160# 55.00-57.00. Mixed good and choice 2-3 850-1050# 54.50-57.00 Tuesday.

COWS: Cutter and boning utility 1-2 40.00-42.00.

"It has to work on our farm before we put it to work on yours."

John Saxton
Manager, AFRC



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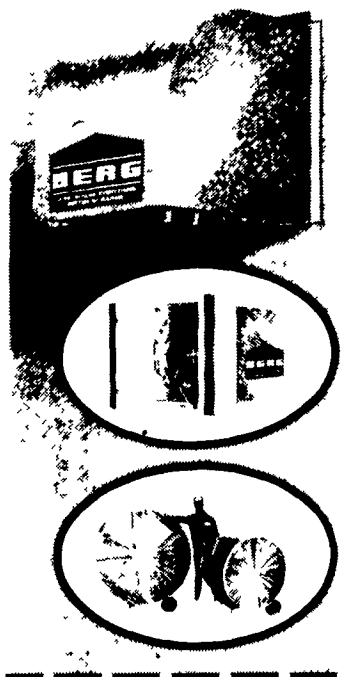

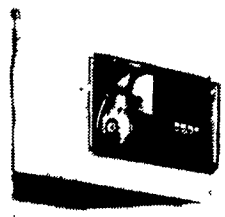

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Livestock market and auction news

Westminster Livestock Auction

Westminster, Pa.
Tuesday, May 28
Report supplied by auction

SLAUGHTER COWS: Steady prices on larger run. High Yield few to 45.50; Utility 41.00-44.00; Canners 38.00-41.00; Shelly 38.00 down. Bulls- Good 49.75-51.50. Fed Steers- No high Choice offered. Choice Holstein Cross 52.00-54.75; Good 49.00-52.00. Fed Heifers- Low Choice 51.00-53.25; Good 46.00-50.00. Veal Calves- Choice 70.00-81.00; Standard & Good 60.00-70.00; Killers 80-110 lb. 53.00-60.00; Weak 45.00 down. Farm Calves- Holstein Bulls 100-125 lb. 68.00-81.00; 85-100 lb. 58.00-70.00. Holstein Heifers- Couple 100-120 lb. 60.00-65.00. Butcher Hogs- .50-1.00 higher. US # 1 & 3 215-240 lb. 43.50-44.00; 240-260 lb. 42.00-42.75; 300-350 lb. 33.00-34.00.

STOCK CATTLE: Smaller run good demand. Steers- 400-700 lb. Good & Choice 58.00-71.00; 700-850 lb. 57.00-62.00; 850 lb. up 49.00-51.50. Heifers- 300-700 lb. Choice 52.00-56.00; Good 46.00-52.00. Bulls- 300-500 lb. Choice 67.00-69.00; Good 58.00-62.00; 500-700 lb. 54.00-62.50. Lambs- 10 head. 65-100 lb. 65.00-71.00. Sheep- 15 head. 17.00-29.00. Goats- 30 head. Mature 35.00-45.00; Large 50.00-66.00; Thin 19.00 and down. Kids 16.00-28.00. Pigs & Shoats- 100 head. $2.00 lower. 20-30 lb. 26.00-30.50; 30-45 lb. 30.00-44.50; 70-100 lb. 46.00-60.00; By the lab. 1 lot at 70 lb. 62.50; 110-160 lb. 39.00-45.00. Sows- 500-625 lb. 37.00-39.75; 350-500 lb. 34.00-38.00. Boars- 230-285 lb. 31.50-32.50, 1 at 545 lb. 31.25.

Hay 5 Loads

New Alfalfa with some moisture 50.00 a ton, 1.50 a bale, Timothy 50.00-66.00 a ton, New Orchard Grass 70.00 a ton.

Belknap Livestock

Dayton, Pa.
Wednesday, May 29
Report supplied by PDA

CATTLE 50: Compared with last Wednesday's market. One Breaking Utility & Commercial Slaughter Cow at 42.75, Few Cutter & Boning Utility 38.75-41.5, Few Canner & Low Cutter 32.00-37.75. Yield Grade No. 1 1120-1660 lbs. Slaughter Bulls, 47.00-51.75.

FEEDER CATTLE: Heifers - Few Medium Frame #1 & #2 345-440 lbs. 42.00-50.00, Few 585-770 lbs. 38.00-45.00; Bulls - Few Medium Frame #1 & #2 330-485 lbs. 50.00-59.50.

CALVES 78: Few Good Vealers 64.00-71.00, Standard & Good 90-125 lbs. 55.00-59.00, 60-85 lbs. 48.00-56.00.

FARM CALVES: Holstein Bulls 90-135 lbs. 70.00-115.00, few Holstein Heifers 85-110 lbs. 57.00-67.00.

BEEF CROSS BULLS AND HEIFERS: 65-125 lbs. 57.00-79.00.

HOGS 174: Barrows & gilts 1.00 higher. US No. 1-2 225-245 lbs. barrows & gilts 44.40-45.00, No. 1-3 205-265 lbs. 42.50-44.00, few No. 2-3 205-280 lbs. 40.00-42.00. Sows - Few No. 2-3 425-665 lbs. 33.00-36.00, Few Medium 285-370 lbs. 29.25-31.00. **Few Boars 27.75-28.50.**

FEEDER PIGS 19: Few US No. 1-3 30-45 lbs. feeder pigs 24.00-38.00 per head, One Lot Utility 25 lbs. at 11.00 per head.

SHEEP 24: One Lot Choice & Prime 87 lbs. Spring Slaughter Lambs at 80.00, Few Choice 45-60 lbs. 69.00-79.00. Slaughter ewes 10.00-17.00.

GOATS 9: 13.00-45.00 per head.

Jersey Shore, Pa.

Thursday, May 23
Report Supplied by Auction

Return to Farm Calf 60.00-92.00.
Good Veal 65.00-80.00.
Common Veal 48.00-60.00.
Choice Steers 54.00-58.00.
Good Steers 48.00-53.75.
Common Steers 42.00-47.00.
Commercial Cows 39.00-45.00.
Canners-Cutters 37.00-43.00.
Shells 32.00-36.00.
Choice Heifers 51.00-54.50.
Good Heifers 44.00-53.00.
Common Heifers 42.00-43.75.
Good Feeders 48.00-55.00.
Common Feeders 40.00-47.00.
Bulls 46.00-53.75.
Good Hogs 41.00-43.00.
Heavies 43.00.
Sows 30.00-35.00.
Roughs 33.00.
Eggs 35.00-48.00.

North Jersey Livestock

Hackettstown, NJ
Tuesday, May 28
Report supplied by auction

Calves- 28.00-90.00.
Cows 34.75-48.00.
Easy Cows 30.00-42.75.
Heifers 35.75-52.00.
Bulls 44.75-58.25.
Steers 34.00-59.00.
Hogs 29.00-42.00.
Roasting Pigs, each 10.00-27.00.
Boars 33.00-38.50.
Sows 32.00-35.00.
Sheep 7.00-44.00.
Lambs, each 20.00-54.00.
Lambs, per lb. .41-.85.
Goats, each 16.00-75.00.
Kids, each 8.00-35.00.
Total 1226.

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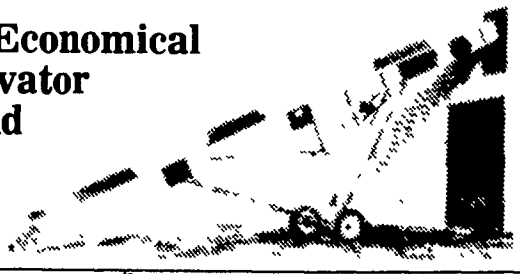
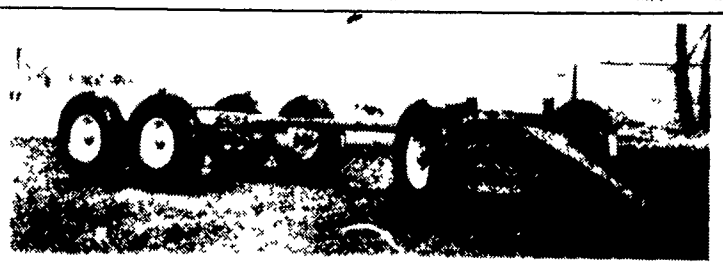
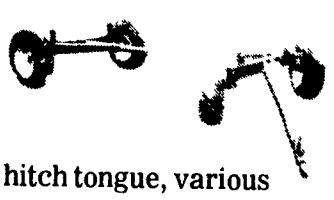




Zimmerman Rugged Heavy Duty Wagon Gear



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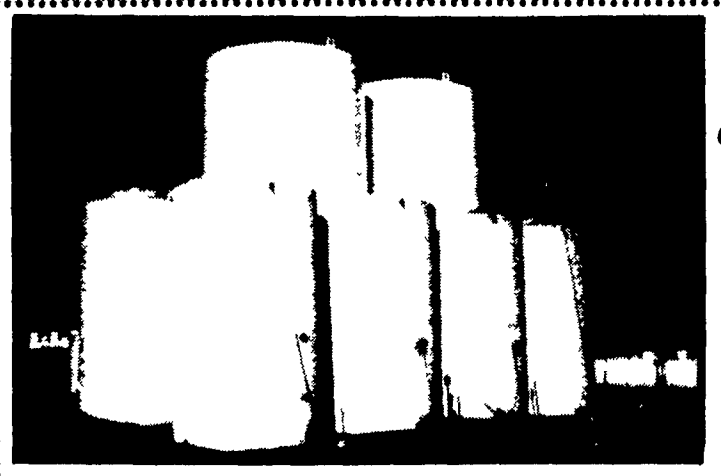

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Livestock market and auction news

Weekly Summary

Harrisburg, Pa.
Friday, May 31
Report supplied by PDA
9 Livesstock Markets

CATTLE: 5051. Compared with 7384 head last week, and 4576 head a year ago. Compared with last week's market: Steers 1.00-1.50 higher, heifers steady to strong, cows steady to 1.00 lower, bulls steady to weak. Steers, high Choice & Prime 56.00-58.75, Choice 55.00-58.50, Good 52.00-57.00, Standard 45.00-53.00. Choice heifers 52.00-57.00, Good 49.00-53.00, few Standard 45.00-50.00. Breaking Utility & Commercial Cows 41.00-45.50, Cutter and Boning 38.75-44.00, Canner and low Cutter 32.00-40.00, Shells 23.00. Few Good and Choice bullocks 50.00-54.75. Yield Grade 1 1100-2100 lb. bulls 47.00-53.00.

FEEDER CATTLE: Few Med. Frame 1 350-750 lb. steers 56.00-66.00; heifers Med. Frame 1 350-440 lbs. 45.00-59.50; bulls few Med. Frame 1 350-750 lbs. 50.00-65.00.

CALVES: 1834. Compared with 2772 head last week, and 2624 head a year ago. Vealers mostly steady. Choice 73.00-89.00, Good 61.00-73.00, few 110-130 lbs. 57.00-63.00, 90-110 lbs. 53.00-60.00, 70-90 lbs. 45.00-55.00, Utility 50-100 lbs. 30.00-45.00.

FARM CALVES: Bulls 90-130 lbs. 65.00-90.00; heifers 90-125 lbs. 60.00-72.00.

HOGS: 3421. Compared with 5803 head last week, and 5803 head a year ago. .75 to 2.00 higher. 1-2 210-255 lbs. 45.00-46.50; 1-3 200-265 lbs. 43.00-45.50; 2-3 230-285 lbs. 39.75-44.50. Sows .50-1.00 higher. 1-3 300-650 lbs. 34.00-39.00; few 2-3 400-700 lbs. 30.00-36.00. Boars 28.00-37.00.

FEEDER PIGS: 783. Compared with 908 head last week, and 1089 head a year ago. About steady. 30-55 lbs. 24.00-45.00.

2 GRADED FEEDER PIG SALES: 1440. Compared with 2333 head last week, and 1427 head a year ago. Feeder pigs highly uneven, 10.00 higher to 10.00 lower, most decline on 1's and 2's. 1-2 30-40 lbs. 85.00-104.00, 40-50 lbs. 75.00-105.00, 50-60 lbs. 70.00-96.00, 60-70 lbs. 65.00-77.00; 2-3 35-55 lbs. 75.00-95.00, 65-75 lbs. 58.00-66.00.

SHEEP: 260. Compared with 1465 head last week, and 379 head a year ago. Spring lambs fully steady. Choice 60-115 lbs. 69.00-83.00. Sl. ewes 10.00-27.00.

Central U.S. Carlot

Beef Report
Wednesday, May 29
Report supplied by USDA

Compared to Tuesday's 4:00 P.M. report, Choice Steer and Heifer Carcasses steady to $1.00 lower, instances $2.00 lower on 400-550 lb. Heifer carcasses. Goods thinly tested steady. Trade slow. Demand light. Offerings light to moderate.

The Gross Boxed Beef Carcass cut out value declined $.61 to an est. $96.89 p/CWT, 167 loads boxed cuts reported.

Sales reported on 60 loads of Steer and Heifer Carcasses.

Steer Beef
22 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 91.00, steady; 600-700 lbs. 91.00-91.50.

Choice 2 600-700 lbs. 92.00-93.00.

Good 2-3 600-900 lbs. 89.75, steady.

Good 2-3 600-900 lbs. 89.00-89.75, steady.

Heifer Beef
38 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 89.00, 1.00 lower, two loads 90.00 early; 600-700 lbs. 90.00; 500-550 lbs. 88.00, 2.00 lower; 400-500 lbs. 86.00, 2.00 lower.

Choice 2 600-700 lb. 600-700 lbs. 91.00-92.00.

Good 2-3 550-700 lbs. 88.50, steady.

Good 2 & Low 3 600-700 lbs. 88.00.

Steer and Heifer
Primal Cuts
13 Loads
FOB Omaha Basis

Choice 3: Hinds (H) 120-170 lbs. 116.00.

Good & Choice 2-3: Short Plates 52.00.

Cow Beef
47 Loads

Midwest and Eastern Texas and Oklahoma: Cow carcasses $2.00-3.00 lower than last week, with ample offerings of Utility carcasses.

Sales In The Midwest
Production Area
FOB Omaha Basis

Brk Utlty 2-3 450/up lbs. 68.00.
Bng Utlty 1-3 400/up lbs. 70.00.
Cutter 1-2 400/up lbs 82.00.

Sales In Eastern Texas
And Oklahoma
Production Areas

Brk Utlty 2-3 450/up lbs. FOB Plant 68.00.
Bng Utlty 1-3 400/up lbs. FOB Plant 68.50-73.00; Delivered Plant 73.50.
Cutter 1-2 350/up lbs. FOB Plant 77.00-80.00, mostly 77.50-78.00; Delivered Plant 78.50.

Boneless Processing Beef/
Beef Trimmings
146 Loads
FOB Omaha Basis

90% Chem Lean, Fresh 105.00-106.00.
50% Chem Lean, Fresh 40.00-42.00, late 40.00.

Eastern Texas
and Oklahoma
Production Areas

90% Chem Lean, Fresh 106.00-109.00, mostly 107.00.
90% Chem Lean, Frozen 107.00.
85% Chem Lean, Fresh 97.00-98.00.
65% Chem Lean, Frozen 69.00.
50% Chem Lean, Fresh 41.00.

Westminster Graded Pig Sale

Westminster Livestock Auction
Friday, May 24
Report supplied by auction

1125 Pigs: Compared to April, prices were mainly 5.00 to 8.00 lower. All pigs weighed on arrival and sold by the pound.

US 1: 31 head 29 lbs. 119.00.

US 1&2: 153 head 31-43 lbs. 106.00-114.00; 47 head 33-39 lbs. 96.00-102.00; 357 head 40-48 lbs. 92.00-105.00.

US 1: 70 head 54 lbs. 100.00-101.00.

US 1&2: 171 head 50-57 lbs. 87.00-96.00.

US 1: 7 head 69 lbs. 102.00.

US 1&2: 113 head 60-69 lbs. 82.00-94.00.

US 2: 55 head 26-36 lbs. 100.00; 28 head 42-48 lbs. 78.00-98.00; 58 head 51-59 lbs. 89.00-90.00; 13 head 53 lbs. 101.00.

US 2&3: 12 head 33-43 lbs. 72.00-81.00.

CULLS: 10 head 35-60 lbs. 21.00-42.00.

Next Sale: June 28th, 1:30 P.M.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Wednesday, May 28
Report Supplied by Auction

Heavy Fowl: .30-.55.
Leghorn Fowl: .15-.40.
Bantams: .60-2.50.
Bunnies: .30-1.35.
Roosters: .40-4.50.
Geese: .25-.45.
Ducks: .50-1.85.
Rabbits: .40-1.45.
Pigeons: 1.00-1.85.
Guineas: 2.00-2.25.

Eggs

Grade A: White Jumbo X Lge. .39-.73, Brown .55-.70.

Grade A: White Large .29-.58, Brown .47-.56.

Grade A: White Medium .28-.50, Brown .37.

Belleville Livestock

Belleville, Pa.
Wednesday, May 29
Report Supplied by PDA

CATTLE 107, Compared with last Wednesday's market. Good Slaughter Steers-Holsteins 46.00-51.75. Breaking Utility & Commercial Slaughter cows 41.60-45.50, Canner & Low Cutter 38.00-42.00, Shells down to 35.00. Yield Grade No. 1 Slaughter Bulls 45.00-51.00.

FEEDER CATTLE: Steers-Few 49.00-58.50.

CALVES 109: Standard & Good Vealers 85-100 lbs. 52.00-63.00, 70-90 lbs. 40.00-53.00.

FARM CALVES: Holstein Bulls 80-85 lbs. 89.00.

HOGS 278: Barrows & gilts-US No. 1-2 44.00-46.10, Heavy & Light 39.00-43.85. Sows-US No. 1-3 31.50-37.50. Boars-30.00-35.00.

FEEDER PIGS 194: US No. 1-3 15-25 lbs. feeder pigs 19.00-31.00 per head, No. 1-3 25-45 lbs. 33.00-42.50 per head.

SHEEP 43: Good Spring Slaughter Lambs 60.00-80.50, Couple 84.00 & 95.00. Slaughter Ewes 26.00-39.00. GOATS: 10.00-37.00 per head.

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Can West Virginia be the Napa Valley of the East?

BY DEBBIE STILES-RENZI
Staff Correspondent

BUCKHANNON, WV – Yes, Pennsylvania, they really do grow grapes in West Virginia!

And there are those, like Ferrenc "Frank" Androczi, who produce home-grown wine here in the Mountain State.

Frank Androczi operates one of the four licensed wineries in the state of West Virginia. A native of Hungary, Androczi has created a bit of his homeland in Upshur county, with his many fruit and nut trees, berry bushes and vines, his vineyard, and the wines that he produces at his "Little Hungary Farm Winery."

Frank Androczi stands beside the wire barrels in the cellar he built near Buckhannon, W.Va. Some of the re-cycled barrels came from the Jack Daniels Distillery in Tennessee.

Androczi believes grapes are an excellent cash crop for West Virginia. The deep, rocky clay commonly found in most of the state provides fertile soil and proper drainage, and that, Androczi exclaims, "is what the grapes need."

For the most part, Androczi is right, says SCS soil conservationist Joe Wentz. However, poor soil drainage can be a problem in some areas, Wentz wrote in a recent issue of Vineyards of West Virginia, newsletter of the West Virginia Grape Growers Association (WVGGA).

Grapes don't tolerate poorly drained soils at all, he said, so any such location isn't the place for grapes, Wentz advises. Wetness indicated by gray mottling in the soil shouldn't be considered a problem if it occurs three feet or more below the surface, however.

Grapes prefer a pH of 6.5 to 7.0, which is a little more basic than the average for West Virginia farmland. When Androczi began his plantings after moving to Buckhannon in 1967, he added 3 tons per acre of lime to the vineyard sites.

Varieties

A variety of groups, both public and private, have been working to establish which grape varieties

(Turn to Page A19)

This particular plant is a cutting of one which Frank Androczi smuggled out of his native Hungary in 1976.

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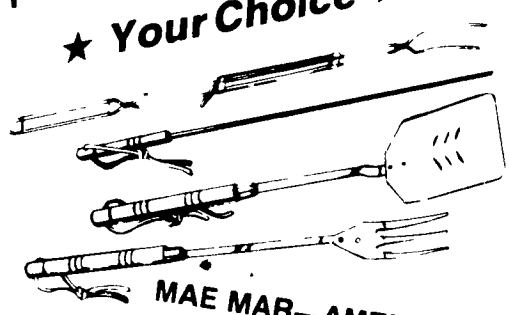

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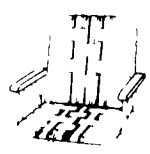

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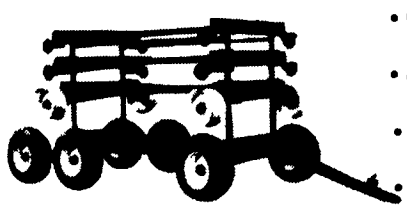

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West Virginia's growing wine industry

(Continued from Page A18)

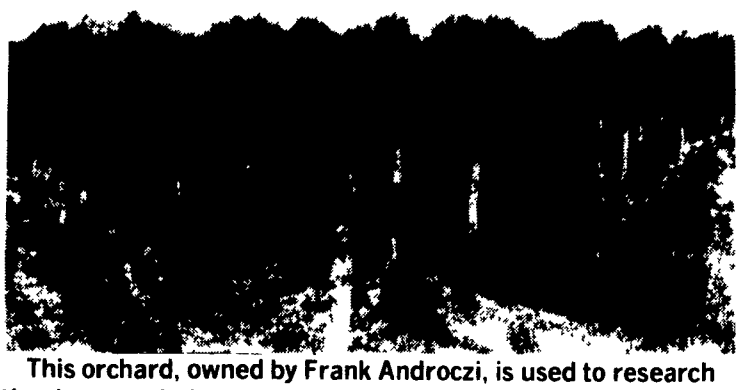
grow best under the conditions found in West Virginia

In Wyoming county, West Virginia, County Extension Agent C. Glenn Runions is involved in a family farm research project. Studying the feasibility of a variety of agricultural enterprises, including grapes and wine production.

In that relatively mountainous terrain, Runions has had the most success with American varieties Concord and Niagara. He's also had good luck with Seyval Blanc and Aurora, two grapes used in making white wines.

Androczi, with his vineyards located in central West Virginia, speaks equally well of Aurora and Seyval Blanc's performance. He grows many other varieties and finds the Swenson Red variety, used in white wine production, grows well in his area. Androczi grows Foch, Chancellor, and St. Croix, among others, and he rates these the tops for West Virginia red wine production.

Two rather well-known varieties, Chardonnay and White Riesling, are not suited for West Virginia, Androczi says, because the summers are too humid, the winters too cold. Certain other table grape varieties also require winter protection. A mulch is commonly utilized.



This orchard, owned by Frank Androczi, is used to research the best varieties for West Virginia. Androczi shares his findings with other members of the W.Va. Grape Growers Association.

Chardonnay apparently does a little better in the drier, warmer climate of West Virginia's eastern panhandle counties, as the West-Whitehill Winery in Keyser, Mineral county does produce a small amount of Chardonnay.

Both Androczi and the Wyoming county state/private research farm use smooth wire to trellis their grapes.

In addition to red and white wine, Androczi, a beekeeper, also makes "honey mead," soon to be sold under his label as melomel. This centuries-old beverage is made with honey and fruit juices, mainly apple, grape, and pear. It has a sweet, pleasant taste, particularly after being aged at least three years.

Profitability

Androczi contends it is possible to net $4,000-5,000 per acre in West Virginia with grapes. Grapes offer another advantage to growers–with the exception of a few wine varieties, most grapes are equally desirable for table use or winemaking.

"What you cannot sell for table grapes, you can make into wine," Androczi explains.

Can West Virginia become a Napa Valley of the East?

Well, not yet...But Fisher Ridge Winery near Charleston made 25,000 gallons last year. The West-Whitehill Winery crush in 1983 yielded 2,000 gallons.

And if Frank Androczi has his way, wineries–his and others–will very soon increase in number and/or production, and will definitely rival California's famous wine country.

Of the wine produced now in West Virginia, Androczi states unequivocably:

"It's better than California's."

Soybean acreage lowest in eight years, ASA says

ST. LOUIS, MO – Fewer soybeans will be planted across the United States this year as farmers react to signals from both the market and the field.

In its annual planting intentions report – released May 9 – the American Soybean Association forecasts that U.S. farmers will plant 63.1 million acres of soybeans. That's 4.6 million fewer acres than last year, and the lowest acreage in eight years.

Dennis Sharpe, head of the Soybean Association's corporate relations and economic analysis department, coordinated the survey. He says the low acreage numbers yielded few surprises in the market.

"Farmers throughout the country are reacting to the price signals from the marketplace," says Sharpe. "That's the philosophy of the Soybean Association. If the market tells farmers to grow less soybeans, they grow less beans. In the longer term, that's good. Farmers will eventually see profits return because of the smaller acreage."

The Soybean Association's survey targeted the South for the largest percentage decrease in soybean production: down more than 3 million acres, or nearly 15 percent.

"The decline in Southern soybean acreage is not a new phenomenon," says Sharpe. "There is a need for good crop rotation in the South after years and years of continuous soybeans."

Some fields in the Southeast have been in soybean monoculture for 20 years. Planting continuous beans contributes to the buildup of pests and diseases, and limits the range of herbicides available for weed control. Rotation crops such as corn and the more drought-tolerant grain sorghum are taking a chunk out of Southern soybean acreage.

Sharpe says planted acreage is only one variable in the market equation. The effect of a small soybean crop on prices will be clearer later in the season when yields are more certain.

The planting season in many parts of the country has been dry and some climatologists are predicting a drought year. Although it's too early to predict the weather, Sharpe says the low planted acreage figure will hold significance should a drought emerge.

"I can't say what the weather will be like in July or August," says Sharpe, "but I can say that a planted acreage of 63 million acres sets the stage for a significant rally if dry weather develops."

Since 1980, the Soybean Association's planting intentions survey has reflected actual plantings within 3.5 percent, and in the last two years has been within one-half percent. According to Sharpe, the survey results provide valuable information for a farmer's decision-making process.

"The Soybean Association believes soybean farmers should have access to the same information commercial buyers and sellers gather," Sharpe says.

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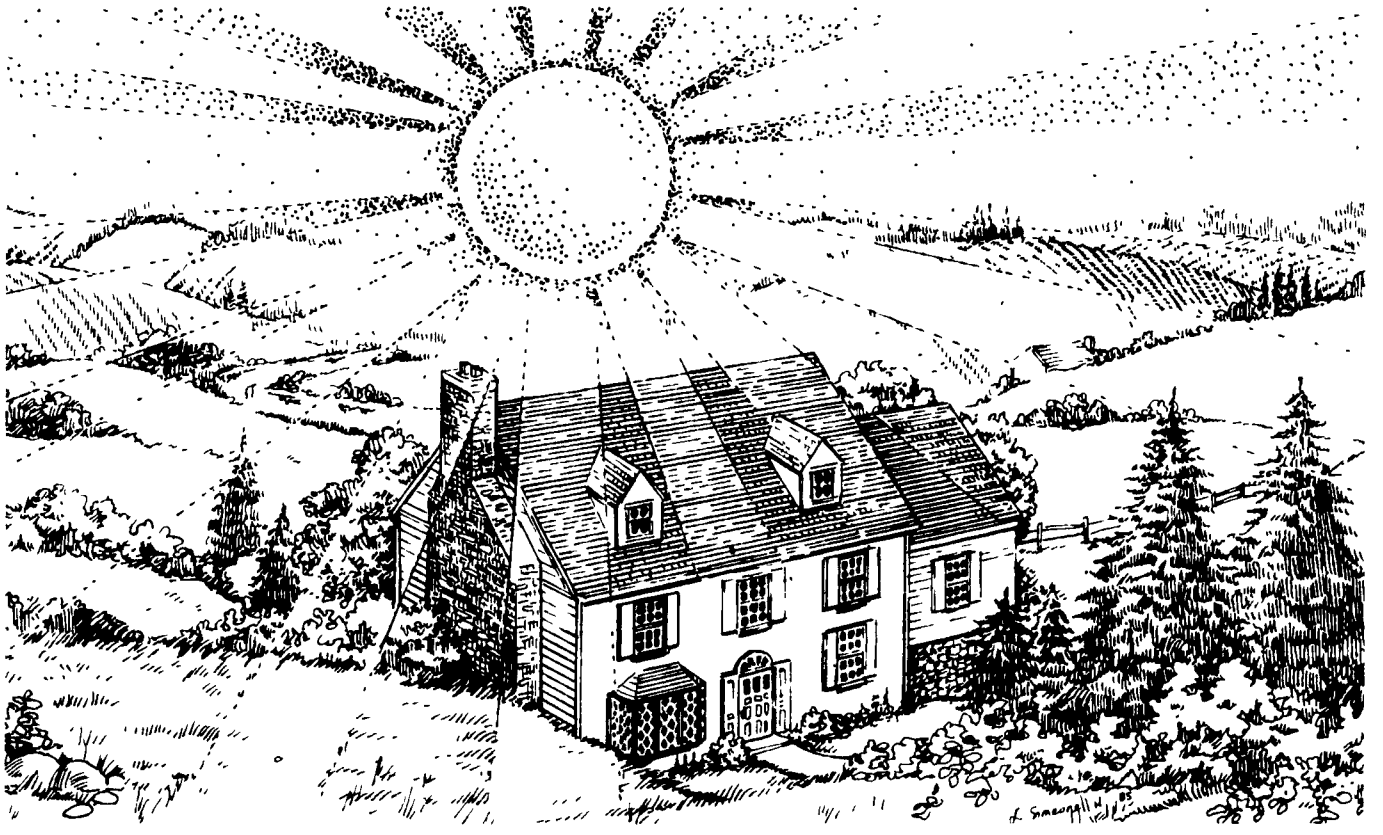

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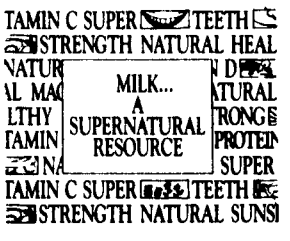


Individual cow care imp

BY JOYCE BUPP
Staff Correspondent

YORK — Although Robert and Rodney Smyser joke about it, wheelbarrows are again in vogue as part of the barn cleaning equipment at their Richlawn Farms, East Berlin Road.

For many years, the hand-pushed manure conveyances had fallen from favor in their 66-tie-stall barn, replaced by gutter cleaners and a pioneering manure pumping and handling system. But a more recent addition to the operation has brought the wheelbarrow back into the picture.

Dry cow handling has been a concern of the Smyser brothers for some time. In the past, they would either hold dry cows in the tie stalls, with the milking herd, or run them into a lot on an adjoining farm. Neither solution, though, was really satisfactory.

"We had too many fat cows; it was a feeding problem," Robert relates. "And we couldn't follow-up, dry treat cows, as well when they were over on the other farm in the pasture. Since we had no box stalls, too many time calves were born in the gutter."

An attractive, airy, dry cow and maternity barn added two years ago is helping solve these problems. Relying heavily on Penn State engineering suggestions, the Smysers took a basic Agway metal pole barn and modified it to meet their specifications. The 36 x 72 barn, with treated wood around the inside of the bottom walls, has eight 12 x 12 individual-care box stalls, and a loafing area for the dry group.

The dry cow facility connects to the far end of the tie-stall barn, via a cemented, enclosed ramp. As cows complete their lactations, they're dry-treated, moved from the milking barn to one of the individual pens, and follow-up dipped every day for a week. Any cows with mastitis problems during that lactation are again milked out at the end of a week, and dry treated again. They then join the group of dry cows in the lofting area at the opposite end of the new facility from the box stalls.

"It's really helped," affirms Robert of their dry-cow care. "There's not nearly as much mastitis."

Box stalls are cleaned of manure and any wet bedding every day, with the wastes simply moved down the ramp and into the milking barn gutters--by wheelbarrow.

"It's not a labor-saving barn," they admit. "But we wouldn't do without it."

Straw is chopped and added to box stalls twice weekly, with bagged shavings put down in between as needed. No bedding pack ever builds up, and occasionally a pen is left stand empty for a period, and limed down as a disinfecting measure.

"Fat cow" syndrome is mostly a problem of the past, since hand feeding in the box stalls allows individual attention. Timothy hay goes to the dry group, along with a little silage, which is fed in heavier volumes to the close springers.

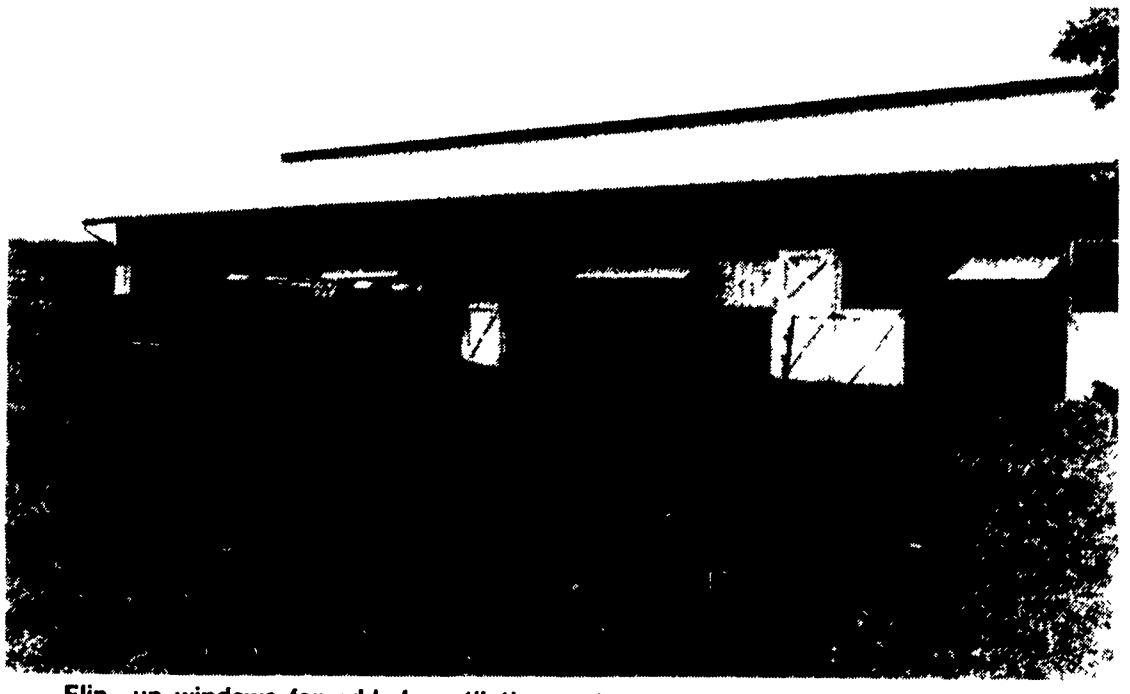
One modification Smysers made are doors which access four of the stalls, on the barn's south side, to outside lots. Purpose of the 20 x 60 lots, one lot per two individual pens, is to get the animals out on fresh grass as much as possible, along with the added bonus of exercise.

"If we had to do it over, we'd probably make outside access to lots for all the pens, even those on the north side," figures Robert.

Ventilation is all natural, with side, flip-up windows kept open whenever weather permits. A relatively low roof keeps breezes coming through the open ends down near the cows. While no fan installations were planned, portables could easily be set up if an individual cow's pen warranted them.

Individual cow care, geared toward high production, has long been standard at Richlawn, with a rolling herd average on 75 head of

Box stalls in the dry cow area are 12 x 12 and lined along the wall with treated lumber.



Flip up windows for added ventilation and outside grazing pens are two of the features the Smysers incorporated into their dry cow and maternity facility.

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ved with dry cow housing

Richard, left, Rodney and Robert Smyser admire the undisputed herd favorite and high producer, Richlawn Triune Dixie Darcy. More individual care for cows such as this 30,000 pound producer was the impetus for constructing the dry barn.

20,600 milk and 760 fat. Type is not neglected, and last year's B.A.A. was 103.

Combining both milk and type is the current high producer and queen, at the moment, of the dry cow facility. Richlawn Triune Dixie Darcy is EX-93-3E and topped the herd last year with her 365-day lactation of over 30,000 milk and 1,000 fat.

Although ET attempts on this prized home-bred have been unsuccessful, Darcy will calve naturally in late summer after just having been turned out into the dry cow barn. Her four daughters already milking in the Smyser herd include one Very Good and three scored Good Plus, one classifying 83 as a heifer.

Better care of cows such as these has always interested the Smyser dairymen. Richard, who helped milk a dozen head of mixed grades here as a boy, returned to take over the home farm in 1946. He and his wife, Marie, brought their herd of 28 from his grandfather's farm near Shiloh, where they had been dairying for six years.

The barn only had one cement-floored stall when they moved home, used for milking. Richard's initial remodeling put cement under two of the crosswise rows of the stalls. In the early 1960's, a more drastic remodeling saw the crosswise stalls converted to lengthwise rows for 30 head, with the cows faced out and a milking alleyway down the center.

When Robert and Rodney, the fifth generation on the farm, came into the partnership in 1971, size was more than doubled, to 66 head, with an addition built to the back of the ground level of the old barn. Also installed was the innovative manure handling system, with wastes run from the gutter into a 6 x 12 x 8 pit, then moved by hydraulic pump to a storage up on the hill behind the barn.

Even that's been modified recently, with the addition of a Flyght chopper pump, which chops bedding material and solid manure, mixing it with milkhouse

(Turn to Page A24)

Wastes, both manure and milkhouse water, are mixed in a receiving pit and pumped to a wooden-fenced, in-ground pit on the hill above the barn. To empty the storage, the Smysers need only back in their spreader to this gravity unloading mechanism.

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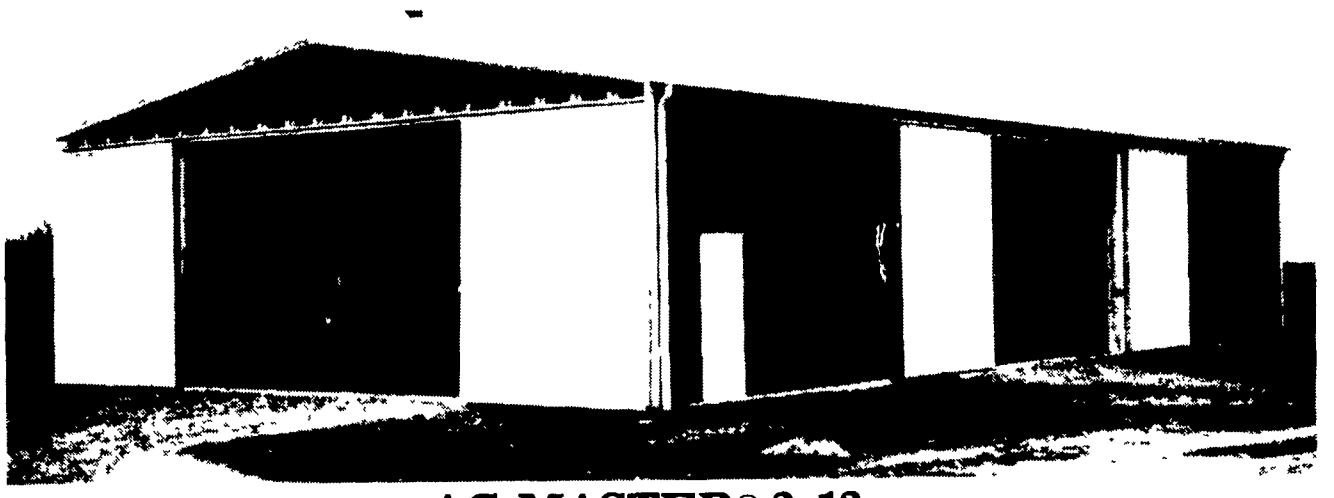

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New Park's Warner family:

Getting started in dairying without borrowed money

BY JOYCE BUPP
Staff Correspondent

NEW PARK – Yes, you can build a dairy barn without going into hock for life. Jim and Norma Warner, New Park R1, can vouch for that. They've done it.

Following their rigid, self-imposed philosophy of "don't buy it unless you have the money," the Warners two years ago saw a dream of some twenty years come true. They shipped their first milk from their first cows from their very own barn.

And they didn't go into debt one cent to build or equip it.

The Warner's moved into their Hopewell Center Farm home when they married in October 1960. Jim's family were dairy and crop farmers, and he went into business with his father, Wilbur, and brother, William. The three still crop farm together, raising potatoes, corn and hay, but the partnership's herd of milk cows was dispersed in the last year.

Norma did volunteer work for awhile while raising their three youngsters, Francine, Todd and Tim. Then she worked for a period as a teachers' aide, and later spent six months on the night shift of a local manufacturer. But, that made it difficult to be available to take part in the growing number of FFA and 4-H activities with which sons Todd and Tim had become involved.

Plus, the dream of their own dairy herd, although dormant, had never been forgotten. In 1981, when the boys' three registered Holstein project calves moved into their pens adjacent to the machine shed, the dream revitalized. With a trio of heifers that would freshen in a year, the Warners stepped up their survey of types of dairying barns and equipment and committed their family to the decision to dairy.

Of one thing they were absolutely certain: they would not go deeply in debt to do so. Jim would remain a part of the Warner family operation. Norma, and their youngest son Tim, would be the core of the home dairying team.

Knowing the types of supplies and equipment they'd eventually need, Norma and Jim began purchasing bargains, at close out sales in ag supply stores and through farm sales.

"I got a manure scraper for a quarter," Norma relates with a pleased grin. "We're still using it." Another time she came home with twenty-five-cent stainless steel balling guns, recognizing them as an item needed, but not precisely sure what for.

Floor drains for the milk house were found at an Agway close-out. A breeding wheel on sale was added to the growing collection.

As actual construction began, oak lumber cut from nearby woods became material for joists. Cement block seconds were located and hauled home for use in the walls. Jim turned up a supply of tile block overruns. Through savvy shopping, he found new steel I-beams at a price cheaper than that quoted for used ones he'd been considering. Even the metal support beams for the barn were unearthed in a Lancaster junkyard.

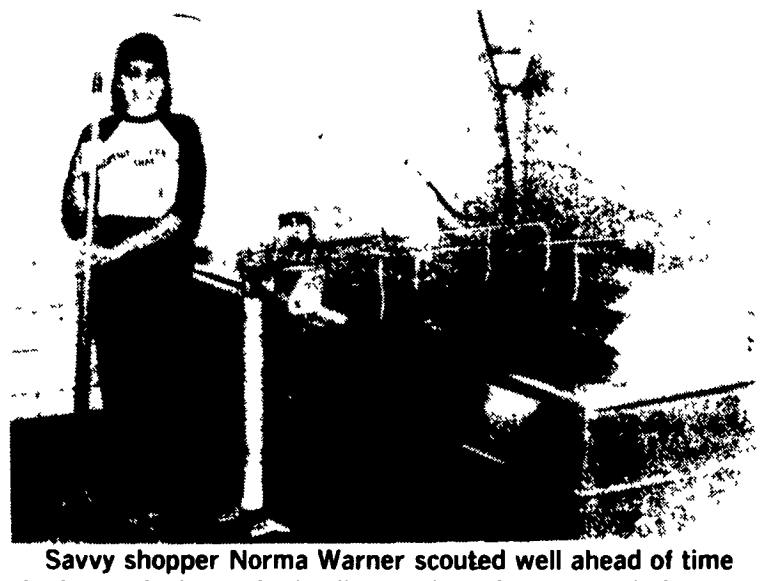
With a 40-head stall barn, built without borrowing and equipped by bargain hunting, Jim, Norma and Tim Warner are satisfied their decision to dairy was the right one.

Labor was hired for digging out the foundation and laying block, but relatives, friends and neighbors volunteered on a regular basis to complete most other construction details.

"I cooked for a lot of people on weekends," Norma remembers. They included Norma's parents, Francis and Mary Braun, their son-in-law Richard Seitz, Jr., and a good friend, Jim Loader, who showed up nearly every evening after work and supervised most of the construction. Jim's family lent a hand whenever possible, and his brother William handled evening milkings by himself as Jim needed time to help with the barn building. Their son, Todd, also took Jim's place to help milk at times.

Show-Ease stalls, windows and the materials for the upper parts and flooring of the barn were among the new items purchased. Electrical wiring, brand new but on sale, was purchased ahead and held until needed.

The basic equipment in the barn-milkers, pipeline, tank-are all used. In fact, the tank they'd originally planned to buy wasn't available when the Warners were ready to ship milk. Norma happened to see a 400-gallon Girton at a farm sale, had it checked to be sure it was operating properly, and paid $250 for it. It's still cooling milk in the milkhouse.



Savvy shopper Norma Warner scouted well ahead of time for items she knew the family would need to start dairying on their own. Among her "buys" were a 25-cent manure scraper and the $250 tank.

"We started with three cows," she says. For the first many months, they milked eight head, generally increasing to 20 as they could afford to add cows.

Herd size has since grown to 25, and the production is climbing, at an average now of 52 pounds per day, with a rolling herd average projected by the end of the year to over 15,000. Test gets careful scrutiny, and one particular milker is a five-percent-fat tester.

"We don't want any more than 30, so we must keep high producers to keep it going," Jim emphasizes. "No freeloaders."

He milks in the morning, with Tim sometimes crawling out of bed early to lend a hand before heading off to his seventh grade classes at Southeastern Middle School. Tim and assistant Randy McKee generally handle the evening milking, and sometimes Norma's sister Renee helps. Feeding is all done by Norma, who also handles daily clean up and oversees records.

Feed for the herd is purchased from the Warner family partnership. Most replacements are raised, with a dozen yearlings and 17 calves in the heifer pen addition to the farm machine shed.

When the Warners determined that they would have to have a tractor, they sold the family's camper to purchase a Massey 235 model. Later, as finances allowed, a manure spreader was added. Prior to that, they had borrowed a tractor and spreader from the family business for hauling chores.

As the herd production and milkcheck have increased, a combination feed and hay wagon, and a silo unloader have been added to the equipment line. And, although she searched diligently for quite awhile for a used barn cleaner, Norma never did find what she needed. Careful budgeting just allowed for a purchase of a new one.

"We were both brought up, all our lives, to think about things before we buy them" both agree.

"And I count a lot on God," Norma quickly adds.

Son Todd is currently employed off the farm at Tri-Boro Concrete but Tim already plans to be the next Warner dairyman. Active in dairy judging, dairy bowl and 4-H exhibiting, he will join the Kennard-Dale FFA chapter as a high school freshman.

Jim is a former American Farmer degree winner, and he and the whole family continue as strong FFA supporters, and chaperone and serve as advisors for various activities. Both he and Norma have honorary chapter degrees and Jim was recently chosen the Kennard-Dale FFA distinguished service award winner. One of the chapter's dairy calf chain heifers was donated by Tim.

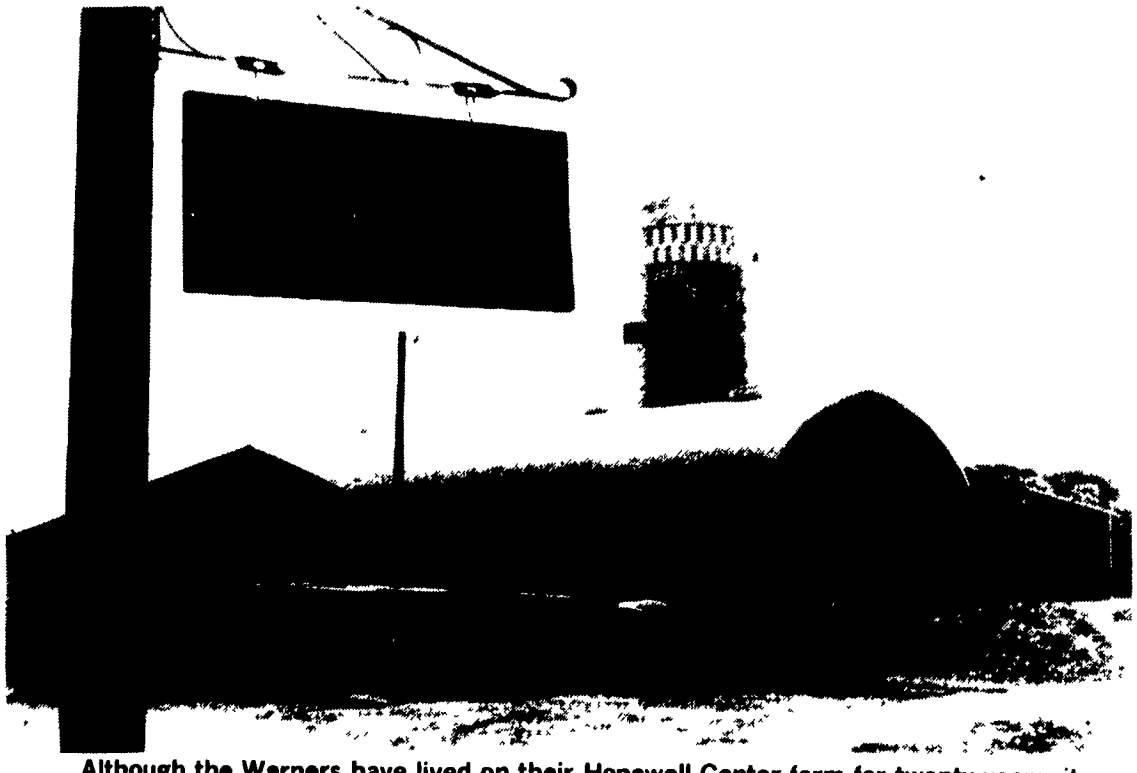
Their camper is no longer available for family outings, but 4-H FFA and Holstein events instead keep their schedules full. And, evenings after the milking chores are finished, Tim and his mom often go fishing until dark.

"This is something we've thought about ever since we were first married," agree the Warner couple.

"We all work together."

"And we don't buy something unless we can pay for it."

Their sons' interest in dairy projects was a contributing factor in Warners commitment to built their new barn. This Jersey heifer being haltered by Tim and Jim and is the latest 4-H exhibit addition.



Although the Warners have lived on their Hopewell Center farm for twenty years, it got a new look three years ago when they added the hip-roofed, tie-stall milking barn.

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Dry cow housing

(Continued from Page A21)

waste water in the receiving pit. This semi-solid mix is pumped through an underground 12-inch pipe to the 48 x 52 x 12 storage, neatly camouflaged by an attractive wooden structure built around it.

Chopping the wastes keeps it fairly liquid, and emptying is simplified by having the slurry simply gravity flow into a "semi-solid" spreader, backed under the unloader mechanism built into the hill.

Rodney, his wife, Joyce, and their children live on the home farm, where the milking and dry cow barns are located. Robert and his wife, Lisa, make their home on the adjoining farm, where calves and heifers are raised.

Calves go into plywood and wire-fronted hutches, then during the summer, are moved at six weeks of age to a section of the pole-barn heifer building put up in 1976.

In winter, though, a different weanling housing is used. Calves go from their individual hutches into a "super-hutch," a Penn State conception praised by the Smysers for its effectiveness in calf housing.

Their super-hutch is a former chicken house, divided into two pens sizeable enough to hold five or six young heifers. The front of each side is open to the south, but covered with a wire door that swings out for access. This wire-covered door allows winter sun to shine on calves, but remains tight enough to keep birds from roosting within. Heated waterers and a trough across the full length of the front keep the super-hutch a low labor, but highly-effective, method of raising weanlings.

Because there is no cross-ventilation, however, the super hutch will heat quickly in hot weather, and is vacated from spring through fall.

USDA sets regulations for rabies vaccination

WASHINGTON, D.C. – A revised regulation sets uniform age and dosage requirements for vaccinating dogs against rabies, a U.S. Department of Agriculture official said. The regulation becomes effective July 13.

"Licensed vaccine manufacturers, along with federal, state and local regulatory authorities and interested scientists met with us on Jan. 31 and Feb. 1 1984," said Bert Hawkins, administrator of USDA's Animal and Plant Health Inspection Service. "We concluded that uniform age and dose recommendations would help state and local rabies control officials conduct more effective programs."

According to Hawkins, the new rule requries that dogs be vaccinated at 3 months of age or older, with a repeat dose one year later for all rabies vaccines. Subsequent vaccination intervals may vary, depending on the duration of immunity established for the individual product.

"In the past, revaccination was required every year in high risk areas. We feel that this requirement is now unnecessary," Hawkins said. "Regardless of the risk of exposure, products that confer immunity for moe than one year have proven as effective as those that must be repeated annually."

This change also simplifies rabies control efforts, he said.

In addition, the new rule allows inactivated rabies vaccines to be administered by any method recommended by the manufacturer on a USDA-approved product label. Previously, USDA requried all such products be administered at a specific site in the thigh muscle.

Hawkins said that according to recent tests, other injections sites for certain killed-virus vaccines are equally effective and offer the advantage of making the product easier to administer and less painful to the dog being vaccinated.

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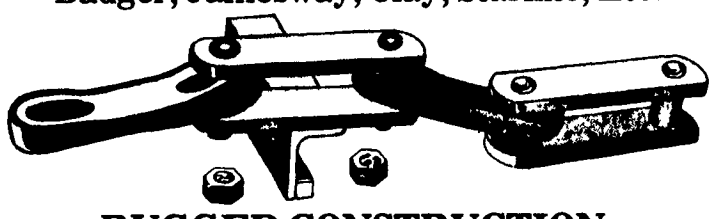

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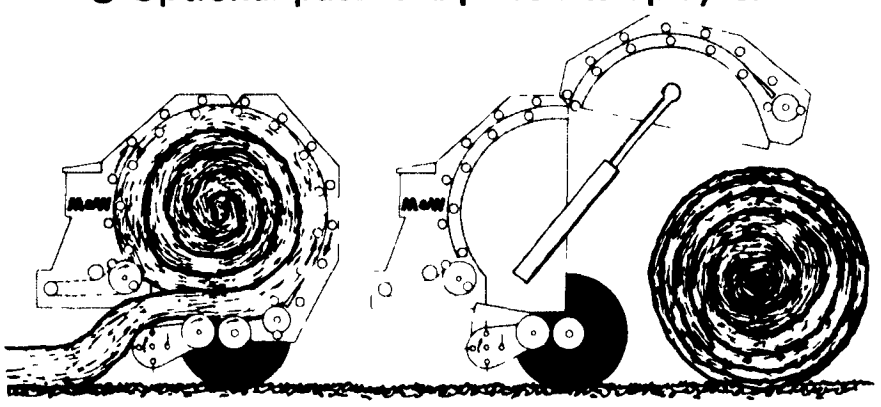

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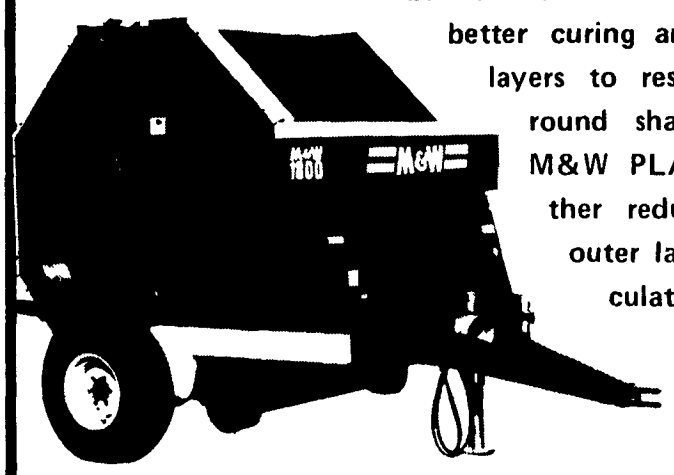

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'85 soybean crop down 4.6 million acres

ST LOUIS – U.S. farmers plan to plant 63.116 million acres of soybeans this year, according to a survey released today by the American Soybean Association (ASA). The survey indicates farmers will plant 4.619 million fewer acres of soybeans this spring than last. In 1984 soybean planted area totaled 67.735 million acres. The survey was a random sample of 8,227 soybean farmers in 29 major soybean-producing states conducted by a questionnaire mailed April 15.

The ASA planting intentions survey indicates a 1.244-million-acre reduction in soybean plantings under USDA's February Prospective Plantings Report that showed soybean planting intentions of 64.360 million acres.

In a brief statement prior to presenting the ASA report, ASA President Roger Asendorf said the Soybean Association has an obligation to give soybean farmers early access to the same kind of information that commercial buyers and sellers are able to gather.

The planting intentions have been divided into five regional areas:

• The Eastern Corn Belt (Illinois, Indiana, Ohio, Michigan and Wisconsin) will plant 18.709 million acres, a .371 million acre (1.9 percent) decrease from 1984.

• The Western Corn Belt (Iowa, Minnesota, Missouri, Kansas, Nebraska and the Dakotas) will plant 24.684 million acres, a 1.096 million acre (4.3 percent) decrease from 1984.

• The Mid-South (Arkansas, Louisiana, Mississippi, Texas, Kentucky, Oklahoma and Tennessee) will plant 11.860 million acres, a 2.05 million acre (14.7 percent) decrease from 1984.

• The Southeast (Alabama, Georgia, Florida and the Carolinas) will plant 6.13 million acres, a 1.08 million acre (15 percent) decrease from 1984.

• The Mid-Atlantic states (Delaware, Maryland, New Jersey, Pennsylvania and Virginia) will plant 1.733 million acres, a 22,000 acre (1.2 percent) decrease from 1984.

The ASA Survey also showed that farmers plan to plant 83.955 million acres of corn; a 4.4 percent increase (3.521 million acres) over 1984. The Eastern Corn Belt showed a 1 8 percent increase (.520 million acres) over 1984. The Western Corn Belt showed a 5.7 percent increase, or 2.028 million acres, over 1984. The Mid-South showed a 13.4 percent increase (.607 million acres) over 1984.

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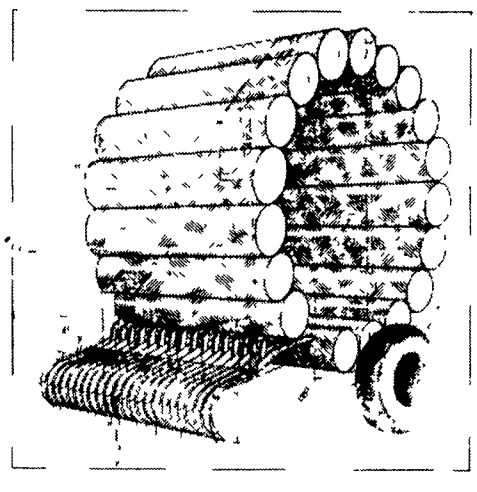

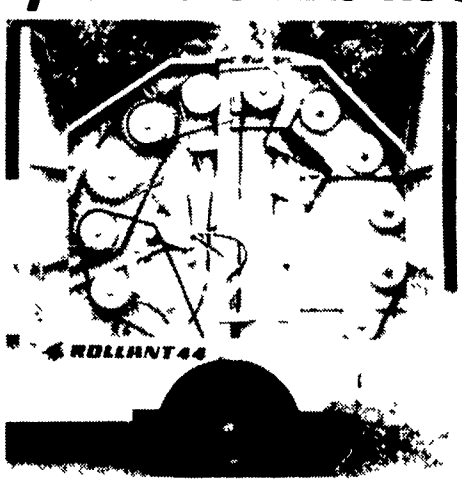

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Brucellosis: eradication may be just around the corner

WASHINGTON, D.C. — "The time is ripe for a special commitment by farmers and ranchers to end their 50-year struggle with cattle brucellosis," says a U.S. Department of Agriculture official.

Brucellosis can be eliminated, according to Bert W. Hawkins, administrator of USDA's Animal and Plant Health Inspection Service. His agency coordinates state-federal cooperative efforts aimed at control and ultimate eradication of the disease.

Hawkins said several European countries — principally exporters of meat and dairy products — have wiped out brucellosis. And Canada, with no known infection since March 1984, may soon be another example of successful eradication.

"But we don't have to go outside the United States to find success stories," said Hawkins. "Nineteen states (including Pennsylvania) and the U.S. Virgin Islands are classified 'brucellosis free' — meaning no known infection for at least one year. Another 21 states and Puerto Rico, rated Class A, have very low herd infection rates — less than 2½ infected herds per thousand."

States rated Free and Class A contain more than 60 percent of the nation's breeding cattle,including both beef and dairy breeds, he said.

Hawkins said a Class B rating means there are 2½ to 15 infected herds per thousand. States are rated Class C when there are 16 or more infected herds per thousand.

Sometimes called Bang's disease, brucellosis causes infected cows to abort or give birth to weak calves. It also reduces milk yields.

But brucellosis isn't confined to cattle, Hawkins said. Other animals and humans can acquire the disease. Human symptoms include fever, aches, chills and fatigue bordering on exhaustion.

"We've truly come a long way since the mid-1930s, when more than 11 percent of the cattle and 45 percent of the dairy herds in the United States were infected with brucellosis," Hawkins said.

The first efforts at controlling brucellosis on a national scale began in 1934. But it wasn't until 1950 that the eradication drive got its first big push, when the Chicago Board of Health said that within five years only milk from brucellosis-free herds would be acceptable for human consumption.

"This stimulated states in the northern dairy belt to begin working earnestly to eliminate brucellosis. Today, more than 80 percent of the nation's dairy herds are located in free or Class A states," said Hawkins.

"By contrast, a few primarily beef states with year-round grass, year-round calving, many cow-calf operations and frequent cattle sales were slow getting started with eradication," he said. "Recently, however, these states also have been showing signs of dramatic progress.

"Mississippi, for instance, has an excellent chance of moving from Class C to Class B this year. Already in 1985, Kansas, Georgia and Tennessee have moved from Class B to Class A.

"Minnesota recently became the 19th state to gain Free status. Three other states — Montana, New Jersey and Wyoming — are in the count-down phase of going 12 months with no known infection," Hawkins said.

At the end of fiscal year 1984, the infection rate in market cattle stood at 0.29 percent — down from 0.37 percent the year before, and down from 5 percent 30 years ago.

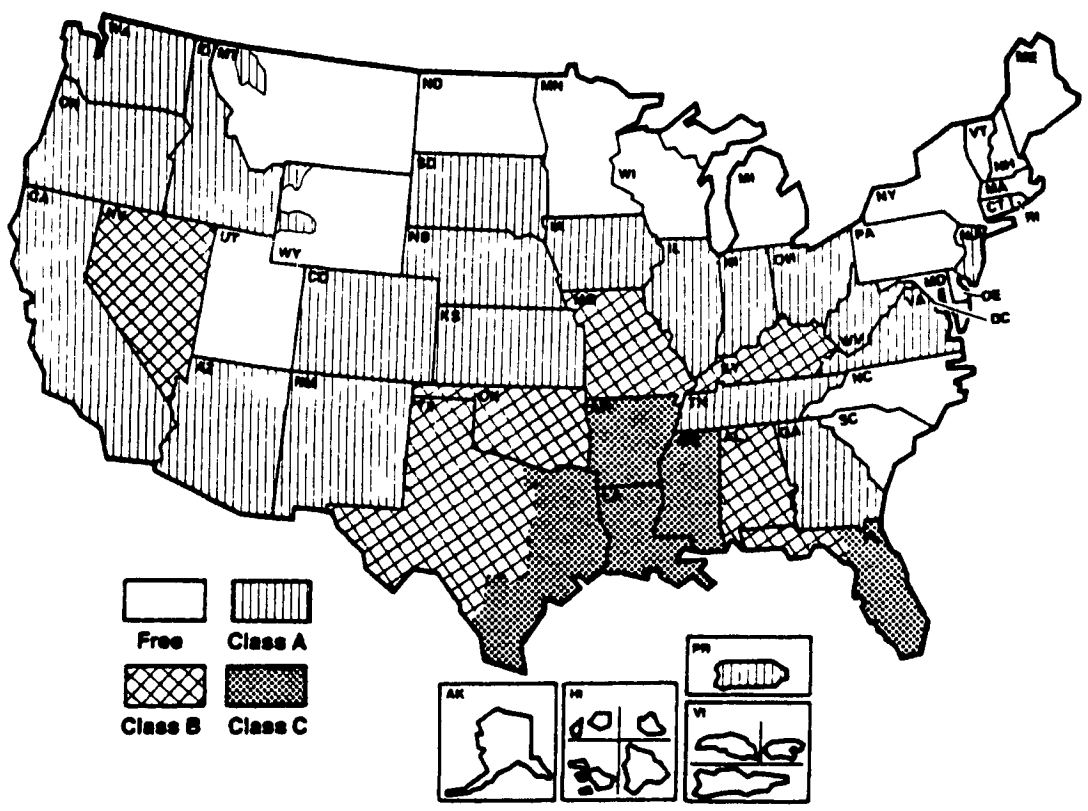
"We're so close to wiping out brucellosis in the United States. I'd like to see a push in the next five years to finish the job," said Hawkins. "But it will take commitment at every level: state, federal and industry.

"The push will call for different emphasis, depending upon a state's classification and the degree of risk involved. Continuing vaccination is important in areas of moderate- to high-risk and for producers selling cattle to these areas."

Hawkins said that for states with only a few remaining brucellosis-affected herds, he would urge elimination of entire herds to quickly remove potential sources of spread. Some federal indemnity funds for this purpose are still available this fiscal year, he said.

Hawkins cautioned that officials and producers in Free states cannot afford to relax, they must remain continuously on guard against re-introduction of brucellosis. Any outbreak in Free or Class A states should be viewed with alarm and treated as an emergency, he said.

"And I'd urge farmers and ranchers in all states to suspect burcellosis any time a cow aborts or gives birth to a weak calf," he said. "With your diligence and cooperation, we'll see the end of this menace once and for all."



Map shows current state classifications for cattle brucellosis.

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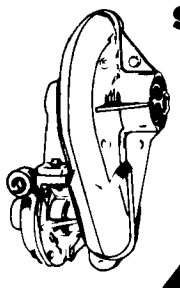

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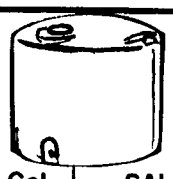

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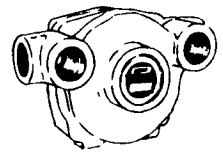

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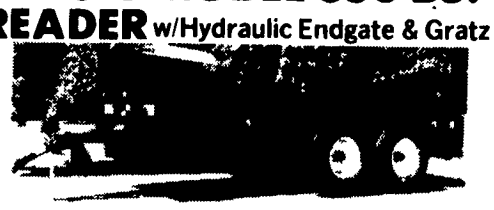

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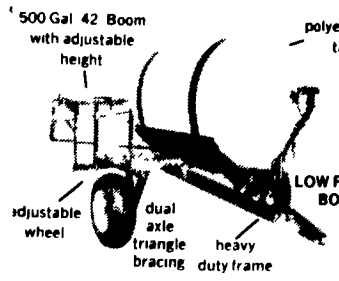

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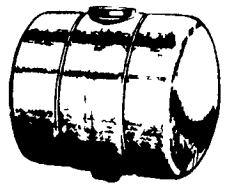

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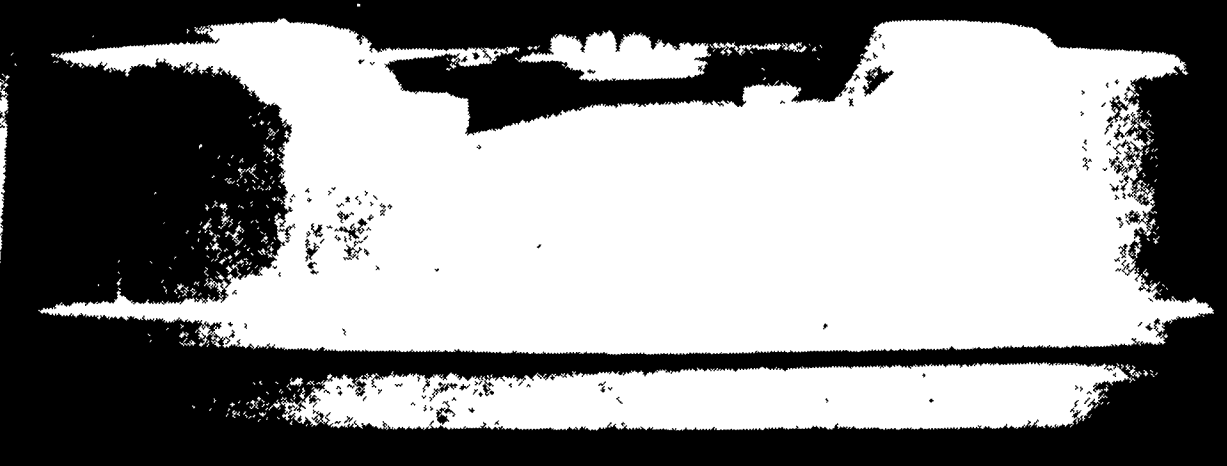

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Experiments on schedule for Landisville Crops Day

UNIVERSITY PARK — "Our research plots are looking good and we expect they will be in top shape for our Crops Day activities," John Yocum, superintendent of Penn State's Southeastern Field Research Laboratory at Landisville, said today.

"Rainfall to date has been less than normal," he said, "but we've had a couple of nice rains at just the right time."

Penn State's Crops Day at Landisville in Lancaster County is an annual activity conducted for farmers and others who wish to visit the laboratory, see what's going on, and talk with the scientists doing the work.

The June 18 program will run from 10 a.m. to 4 p.m. at the laboratory on Auction Road, two miles northwest of Landisville.

Yocum pointed out that forages and small grains research is to be featured in this year's program, but work with other crops, such as vegetables and flowers, is also under way.

Visitors will be welcome to look about and ask questions. "We're very interested in questions," he said.

The experiments with small grains include variety development, disease control and management strategies for increased profitability, Yocum explained. Use of growth regulators to reduce yield losses in wheat is the object of two projects by Elwood Hatley, Penn State Extension agronomist.

In one project, a variety-comparison trial, Hatley has sprayed six varieties with once-only applications of a growth regulator designed to reduce lodging. This approach will permit ranking the varieties by percentage of lodged plants and grain produced per plot.

Another of Hatley's wheat experiments compares response of two varieties to one-time applications of growth regulator on plants at different stages. Two rates of application were used.

As the plots ripen, Hatley will be able to compare the influence of variety rate of application, and growth stage effectiveness of the chemical.

As with other experiments, the results of this work will be formulated into the standard management recommendations of the College of Agriculture, and added to the Experiment Station's databank of agronomic research.

Crops Day visitors will tour the breeding plots for spring oats, where USDA-ARS scientist Harold Marshall and his associate, USDA-ARS plant geneticist Fred Kolb, are working to develop a dwarf or semi-dwarf oat that will resist lodging.

Root lodging and stem lodging are most likely to occur in the taller plants, and a short-stemmed variety would have appeal.

On the other hand, many farmers consider oat straw to be the ideal material for livestock bedding, and oat varieties with shorter stems will mean less straw at harvest time.

Some oat varieties are easier to grow than others and any new variety needs to be looked at from this point of view. Farmers need to know the level of management required to produce a good crop when they are selecting varieties for their particular cropping system, Yocum explained.

Methods of managing small grains when disease organisms reach threshold levels receive major study at the Laboratory, Yocum said. James Frank, USDA-ARS scientist and adjunct associate professor of plant pathology at Penn State, will discuss th[illegible]

Frank and his colleagues, research assistant James Spadafora and PSU plant pathologist Herb Cole, are comparing yield loss in Septoria-infected wheat plants on untreated plots and plots treated with fungicide. The objective is to develop forecasting and disease-management systems that will enable a farmer to spray with fungicides and reduce losses from glume blotch.

Other Penn State scientists preparing Crops Day presentations include Marvin L. Resius, working on breeding winter wheat and winter barley varieties, and Les E. Lanyon and Greg Roth, working on soil fertility.

Experiments dealing with production and management of forage crops are also scheduled for presentation, Yocum said.

PFU supports Grubb nomination

HARRISBURG — The Executive Board of the Pennsylvania Farmers Union announced its support of Dr. Richard Grubb's nomination for Secretary of Agriculture at a meeting this week.

State Executive Director Chester L. Reed stated during the meeting, "We've met with Dr. Grubb and we are convinced that he would do an excellent job for Pennsylvania agriculture."

"We are very pleased to have a nominee who was raised on a family farm," added PFU President M. James Brown. "Dr. Grubb already has a first-hand appreciation of the special needs of Pennsylvania's farmers."

Commenting on Dr. Grubb's Penn State background, Brown said, "His combination of farming, economic and administrative experience qualify him for the tremendous challenge of guiding the state's leading industry."

Vice-President Barbara E. Woods said she felt the Governor had made a good choice. "Dr. Grubb seems to agree with Farmers Union's policy which recognizes the role of supply management in an overall program to raise prices paid to farmers," she said.

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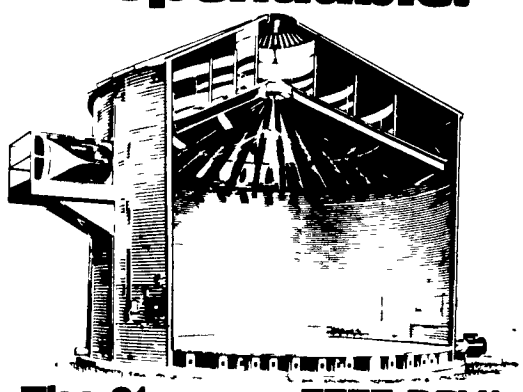

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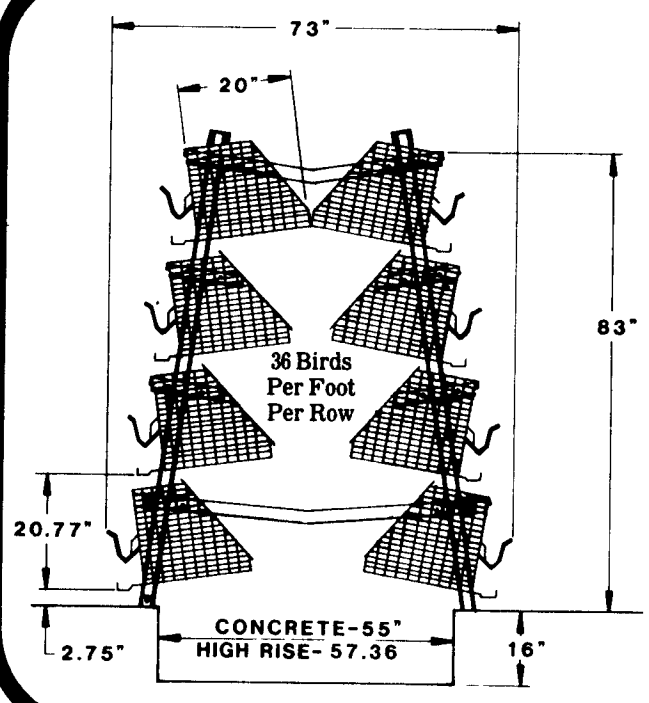

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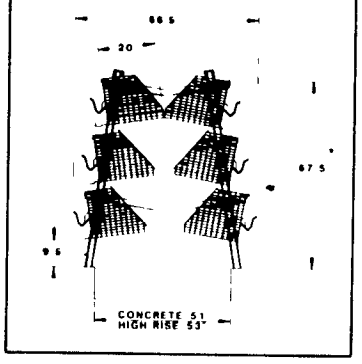

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Cornell 281 corn goes even farther than expected

ITHACA, NY – The space shuttle, scheduled to take off from Kennedy Space Center in early June, will carry a corn variety from Cornell University for an experiment on plant growth in space.

Making the historic flight will be "Cornell 281," a popular Cornell corn variety in commercial use since 1978 in the northeastern United States. Highly productive, it is grown for grain or silage.

Part of a pilot program designed to introduce college students to space research, the corn experiment is scheduled to begin June 6. That's when the space shuttle will blast into earth orbit for five days, according to La Donna Montgomery of the Bionetics Corporation at the Kennedy Space Center. The firm will be conducting the experiment undere a contract with the National Aeronautics and Space Administration (NASA).

The aim is to examine gravity as a stress on plant growth, following a finding by scientists at the Boyce Thompson Institute for Plant Research located on the Cornell campus.

The finding was made in a study conducted by Carl Leopold, a BTI scientist, and Mordecai D. Jaffe, who was a visiting scientist at BTI in 1983. Jaffe is a professor at Wake Forest University in North Carolina.

Leopold says that when corn plants were given a changed gravity orientation, by holding them in a horizontal position, the amount of a cell-wall material known as callose increased in the tissue—a response scientists had never seen before. Cornell 218 was used in this study.

Based on the BTI study, Bionetics scientists decided to test the same Cornell corn in space, where gravity is zero, to see if a similar response would occur in weightless conditions, among other things.

Through Leopold and the New York Seed Improvement Cooperative, located near the Cornell campus, Bionetics scientists have obtained the Cornell 281 corn seed for the flight experiment.

News of the space test involving the Cornell corn came as a surprise to William D. Pardee, chairman of the department of plant breeding and biometry in the New York State College of Agriculture and Life S. Cornell.

"We are delighted that our corn can be helpful in this space research," he comments. "We thought Cornell 281 would go far, but this is further than we expected."

During the June flight, corn seedlings will be germinated in the shuttle's mid-deck locker known as the "Plant Growth Unit." If all goes well, one-half of the corn seedlings will be harvested and frozen in space after five days of growth in space. The other half will be harvested one hour after the shuttle returns to earth.

The tissue grown during the space flight will be compared with tissue from ground-based control treatments as well as samples from flight simulation treatments. These treatments will include the growth of seedlings in pots, in an environmental growth chamber mimicking the conditions in the shuttle's plant growth unit, and on plant clinostats, an apparatus that rotates plants to neutralize gravity.

The focus of the research is to determine several stress indicators, including cell size, shape, and callose deposition, according to Montgomery.

The Cornell corn variety was developed by Clifford Manchester and the late Clarence Grogan, both corn breeders in Cornell's department of plant breeding and biometry.

Soybean checkoff program helps find new markets

ST. LOUIS, MO – Times are tough for U.S. farmers. But it's said that tough times never last, tough people do. U.S. soybean farmers like Page Box, Jr., of Ripley, Tenn., are among the toughest.

Box is a part of a new breed of soybean farmer. These farmers are fighting tough economic times, and they have a unique weapon in their arsenal: the soybean checkoff program.

Through this program, Box and other farmers in 26 states invest a portion of their soybean income (one-half cent to two cents per bushel) in programs to improve their soybean profits.

Box says that farmer funds generated through soybean checkoff programs are invested in research, education, and promotion. In most states, farmers commit about one-half of their checkoff funds to market promotion programs of the American Soybean Association.

With its headquarters in St. Louis, the Soybean Association, through its 11 overseas offices, coordinates more than 200 market promotion projects in 76 countries.

"Soybean Association projects benefit the farmer," says Box.

• South America. Soybean Association projects replace demand for Brazilian meal and oil with demand for U.S. beans. The Soybean Association estimates that soybean and soybean product demand in Colombia, Venezuela, and Peru could grow from 1.2 million metric tons to 2.7 million metric tons...and U.S. soybean farmers may supply most of the market.

• Turkey. Farmer-funded Soybean Association efforts encouraged the Turkish government to lift heavy import restrictions on soybean meal. Last August, for the first time Turkey bought 77,000 metric tons of new crop U.S. beans. That's equivalent to 2.8 million bushels.

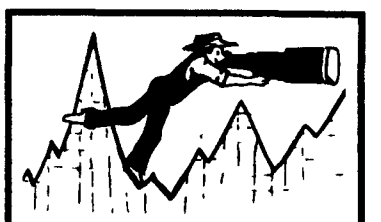
• Japan. The Soybean Association invests checkoff funds in poultry feeding trials which could substantially influence soybean meal use in poultry rations. Each one per cent increase in the amount of soybean meal used to feed poultry could increase meal demand by 110,000 metric tons. That's equivalent to 5.1 million bushels of soybeans.

Box backs his belief in the soybean checkoff with commitment to membership in the Soybean Association. In the past year, Box signed 128 new members to the Tennessee Soybean Association to lead the nation in recruitment efforts.

"Soybeans farmers have to work together to build markets," says Box. "We've got competition, and it only gets stronger when you produce fewer beans."

Box says that since 1979 when U.S. soybean production peaked, Brazil and Argentina have increased soybean production by 60 percent, and European production of sunflower and rapeseed increased 260 percent.

"We export about half of our soybean crop and we can't afford to lose markets," says Box. "With the soybean checkoff and the Soybean Association, we're going to come out winners."



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Three farms on display on York Farm Tour June 15

BY JOYCE BUPP
Staff Correspondent

YORK — Hellam Township is the site for the sixth annual York Farmers' Association's farm tour, Saturday, June 15, from 10 a.m. through 4 p.m.

"The purpose of the tour is to promote better understanding farmers and their urban neighbors," according to tour chairman Jack Dehoff, a Red Lion dairy farmer.

There is no charge for the tour, which takes participants, via haywagon rides, to three farms serving as this year's hosts. Opening their operations are William and Louise Flinchbaugh and their son Ritchie, operators of a fruit, livestock and poultry farm, Pearl and Paul Mills, owners of Willow Tree Horse Farm, and dairy farmers Harry and Dorinda Arnold.

The original 59-acre Flinchbaugh farm was purchased from the Dietz family in 1951 by William's father, Jacob. William and Louise formed a partnership with his father until 1968, when son Ritchie joined the operation. In 1978, Ritchie and his wife Sonja then joined in a family partnership.

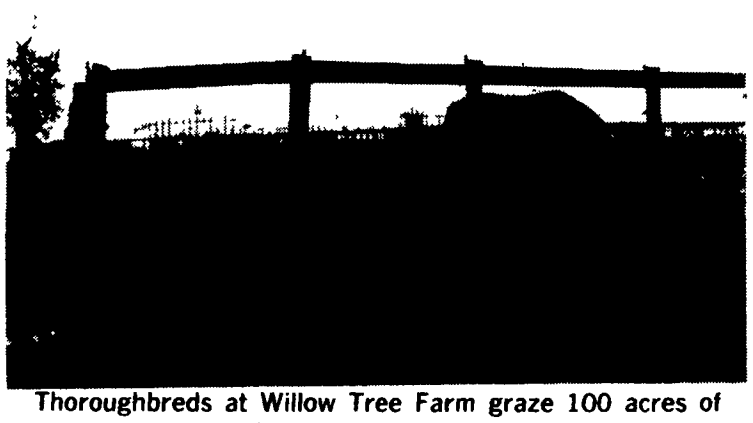
Seventeen acres are planted to a variety of orchard fruits, with apples, peaches, plums, cherries and pears in season. Sales are mostly wholesale, with small amounts retailed.

A diversified operation, the Flinchbaugh family also maintains an 800-head hog finishing house, and 8,000 heavy breeding chickens for the Longenecker Hatchery at Elizabethtown.

Crops are on 675 acres, 80 of them owned, with 540 planted to corn, 100 in wheat and 26 in oats. No-till planting is used primarily, for soil conservation purposes. Family members, full-time employee Rick Garner and occasional part-time assistants handle the chores of the changing harvest seasons.

The Flinchbaughs also have another son, Brian, and three grandchildren, at least one of whom they hope may someday find an interest in becoming the fourth generation to run the farm.

William and Louise Flinchbaugh are hosts for the York farm tour's stop at their orchard, grain, hog and poultry farm, operated in partnership with their son, Ritchie, and his wife Sonja.



Thoroughbreds at Willow Tree Farm graze 100 acres of pasture, enclosed with over six miles of new wire fence

On hand to greet tour guests will be Susan Green of Biglerville, the Adams County Apple Queen, serving apple juice from Knouse Foods. Related commodity displays will feature grain equipment from Loucks Grain, planting and harvest machinery, and a bulk feed truck from Spangler and Sprenkler Feeds.

Thoroughbreds grazing within the six miles of new fencing around 110 acres of pasture will welcome the wagons rolling up the lane to Willow Tree Horse Farm. This breeding and training facility is owned by Paul and Pearl Mills, who purchased the rolling land with its big bank barn in 1971. Two new barns have been added, for a total of 37 stalls available for the average population of 65 head, including two stallions, on the farm. During peak breeding season, as high as 100 thoroughbreds roam the lush green pastures.

Mills' thoroughbreds are regulars in the racing ranks at Penn National. President of the Pennsylvania Horse Breeders Association, he has been the leading Pennsylvania breeder for the past six consecutive years, and seven out of the last eight.

A three-eighth mile length of training track of the farm allows the Mills family to break and ready their own two-year-olds. Son Dennis is in charge of the family's training program at the Penn National track, with 19 horses presently in training and racing there.

Pearl handles the care of the brood mares, including her own mare, Royal Arapaho. Their daughter Kay is the farm's

(Turn to Page A38)

Along with the familiar black and white Holsteins in Harry Arnold's 40-head dairy herd are a number of the more unusual Red and White Holsteins.

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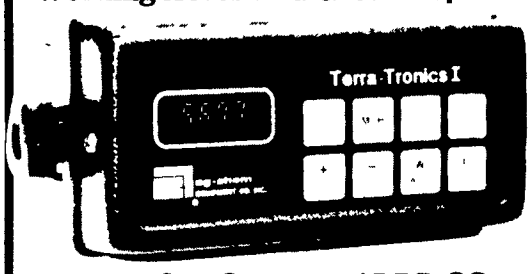

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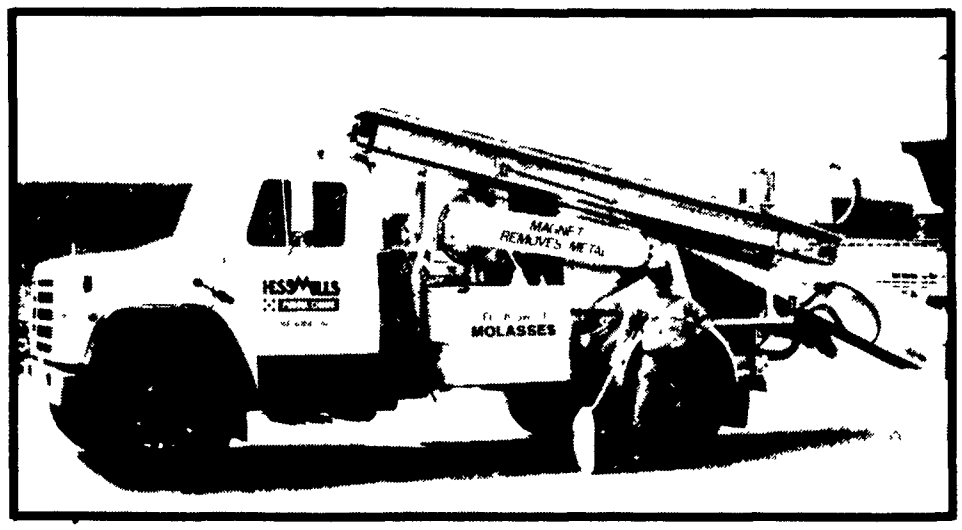

Shorty has been with Hess Mills for 28½ years running hammermill. Now, Hess Mills has a newly reconditioned one that's been in operation since mid-February. It's the fourth of its kind, and Shorty says each mill made the work successively lighter and easier.

In being with Hess Mills as long as he's been, Paul has seen the hammermill "come up the years!" Back when he started with the first hammermill, he only serviced 30-40 customers. Now, he serves 80 and has had as many as 94. The old 'mill didn't have an elevator, either. That meant he had to shovel the corn into the milling apparatus. And small feed mixes were a problem too. He used to count shovelfuls of grain to measure them out (about 6 shovels/cwt). The latest model has two features which save him labor and time! First, the vacuum draws the grain into the 'mill virtually eliminating shoveling. Secondly, the new scales weigh accurately to 10-lb. increments, and that makes small mixes as easy as big ones. There's no guessing! No surprises. What you want is what you get. Back then, farmers used to have their grain ground, mixed, and bagged for storage. Today, the blower attachment allows the farmer to directly deposit feed in silos, feed bins, etc. All in all, the 'mill has gotten better and has made Shorty's work 50% faster! This allowed him to double his regular customers over the years.

June is dairy month

No banker's hours for Shorty! He works 6 AM - 6 PM, five days straight. Since he schedules his stops, he averages 15-20 stops/day and does 30-35 mixes/day, making regular runs throughout the week. His weekly plan looks something like this:

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Parts of Chester Co. E. Intercourse to Coatesville	Paradise (Local Area)	New Providence Area	Georgetown Nine Points	W. Intercourse Lancaster Strasburg	Finish Any Job; Hammermill Maintenance

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What does Shorty like most about his job? He says he just likes the job, which mostly involves working with machinery. He's his own boss, and he likes that a lot!! He plans his own time and stops for each day with no hassles. The main thing he feels good about is his customers. He treats them all the same, big or small, by giving them the same consistent, reliable service. And it seems to work because they call him back every week.

Lastly, though he mixes Purina feeds, he doesn't profess to be an expert on Purina products. He much prefers that the sales representatives handle that. Paul is satisfied to be in good health (he's approaching retirement) and to be doing something he enjoys.

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Cumberland farm tour set

by Montie Tak
Staff Correspondent

CARLISLE — "I think it's a worthwhile project to have our urban neighbors understand a little more about farm life," says Mabel Strock.

"Now that they have been made more aware of the problems of farming I think people need to understand and know the facts."

Mrs. Strock, her husband Clyde and their family are just a few of the people who decided to act on that thought. The result is the first Cumberland County Farm Tour, scheduled for June 8, from 10 a.m. to 3 p.m., sponsored by the Cumberland County Farmers Association.

Members of the public will have an opportunity to visit two Mechanicsburg area farms, Ashcombe Farm Dairy and Strockland Farms. Parking is available at Mechanicsburg High School, where shuttle buses will run to both farms.

"This is a way to show people about farm life," says Kate Mains. "The women's committee of the Cumberland County Farmers Association sponsored mall promotions in previous years. But this year the suggestion was made within the group and we thought it was time we had a farm tour."

Mains contacted all the county schools and visited elementary school supervisors because she felt this was an educational experience children don't have every day. But the tour, she notes, is not primarily for school children. "It is a public relations venture to show people what happens on a farm. It is geared to adult interest as well."

Visitors to Ashcombe's will be able to see the milk house and parlor facilities and hear an explanation of milking equipment. The processing plant will be in operation so people can see–and sample–ice cream being made.

4-H and FFA members will have projects on display in a large tent provided by Purina. Antique farm machinery and tools owned by Fred and Rose Dillner, Shippensburg, will also be on display.

Atlantic Breeders Coop will have a representative at Ashcomb's to explain artificial insemination and representatives from feed companies will explain how feeds are formulated to give cows a balanced ration and to maximize health and production.

At Strockland Farms visitors will see young turkeys and the area where they are processed. There will be a slide presentation on farrowing and the nursery area of the swine facility. Since the Strocks raise, process and store their own feeds, there will also be a tour of the grain drying facility.

During the farm tour, food samples will be offered by various firms. Hatfield's Packing, Hatfield, Pa., will make a giant pork burger. The burger, about six feet in diameter, uses about 100 pounds of pork and will be cooked in a special wire rack.

Kay and Ray's, Newville, will furnish potato chips. People can sample milk provided by the Hershey Milk Plant, apple juice from Lucky Leaf and cheese from Phillips in Lancaster. Harrison Farms, Littlestown, will provide pork roll samples.

A number of local farm machinery dealers will have exhibits on the tour, including H. R. Gutshall, Peterman Farm Equipment, Ernest Shover, Paul Shover Farm Equipment and Carlisle Equipment.

Mains and at least 20 other organizers of the tour have worked on the project six months. She says, "I think the work farmers do and the problems they have are unique. The percentage of farmers in the county is diminishing each year. As we become more and more of a minority it becomes important for people who are not farming to understand the problems we face."

Rodale sets Field Days

KUTZTOWN — Four field days are scheduled this summer at the 305-acre Rodale Research Center here. The number of field days was increased from one in previous years to four this year to accommodate surging interest in the Center's research which is primarily focused on identifying ways for farmers to reduce their input costs and simultaneously maintain or boost their profits.

The dates for the field days are June 25 and Aug. 7 for Farmers' Field Days and Aug. 8 and Sept. 14 for Researchers' Field days. The Farmers' Field days will feature identical morning and afternoon sessions beginning at 9:30 a.m. and 1:00 p.m. each day with hay wagons taking visitors through the research fields. The Researchers' Field Days will run from 10:00 a.m. until about 3:00 p.m. each day and will include field tours as well as data presentations for university and government scientists. The media is invited to all of the days.

Featured on the tours will be the wrap-up of the five-year Conversion Project which compares three side-by-side farming systems to identify the best crops and practices to maintain yields and income during the conversion from chemical-intensive to low-input production.

Overseeding, a promising technique which seeds legumes or grasses into row crops for nitrogen production and weed and erosion control, will also figure prominently. Several related projects are being initiated in 1985, with farmers' immediate needs in mind. They will examine aspects of the overseeding technology such as the effect of densities of legumes and corn and timing of plow down on maximum N production.

Other projects to be included for the first time on the tour are intercropping of corn and beans, perennial polycultures for marginal lands, grain amaranth variety development, and observations on ridge-tilling and conservation tillage without herbicides for weed control.

This season will be the fourth year the RRC has held field days for farmers. Last year over 150 people attended the field day on August 15.

The Research Center is located six miles northeast of Kutztown on Siegfriedale Road off Grim Road in Maxatawny Township, Berks County, Pa. Signs are located along Route 222 to indicate where to turn coming from either Allentown or Reading.

Reservations should be made for any of the field days by contacting Nancy Nickum Bailey or Stephanie G. Doyle at the Rodale Research Center, Box 323, RD #1, Kutztown, Pa. 19530 (215)683-6302. There is no charge for the tours.

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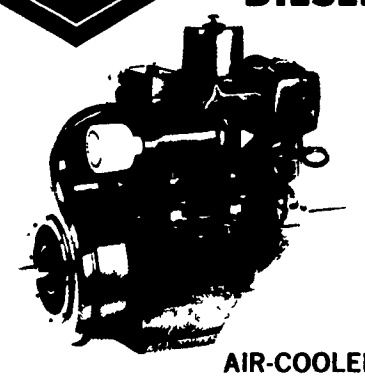

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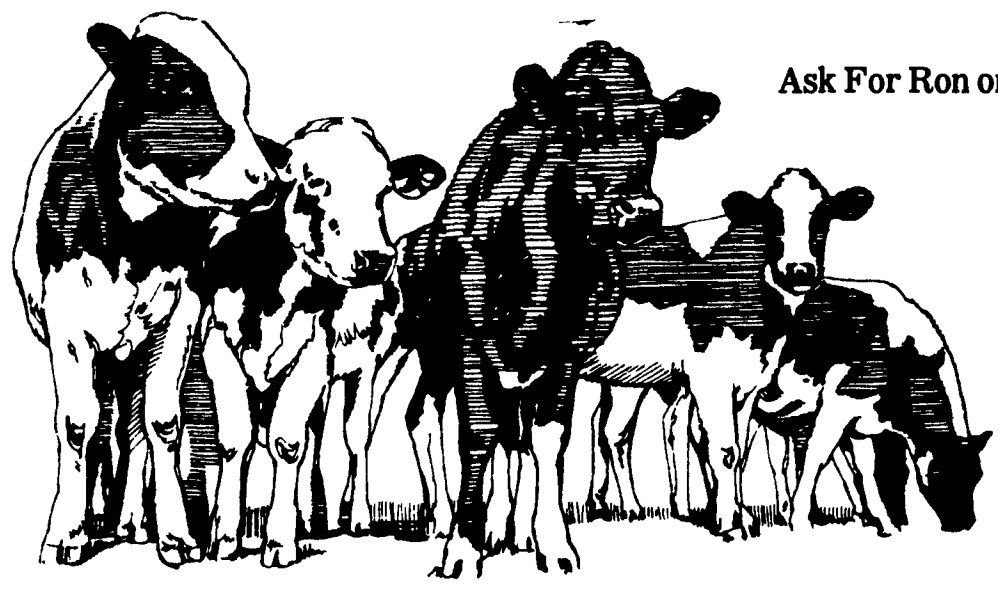

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Ag export credits weighed

(Continued from Page A1)

exporting nations which do not subsidize their exports," the farm leader said.

Rather than adopting the tactics of our competitors in the European Community, Delano said, the U.S. should only use export credits to regain markets which the EC unfairly took away with its own unfair practices.

"Dumping our domestic problem — the surpluses caused by our flawed price support programs — will not provide a long-term solution," Delano said. "The EC has not found a way out of the high support-and-dump cycle and I doubt we would either. It just postpones the day of reckoning."

Joe Fields, the Farm Bureau's Director of Information in Washington, added that a shotgun approach would simply dump $2 billion worth of grain on the international market in about six months, depressing prices, antagonizing competitors and leaving no lasting impact.

The targeted approach, he said, should help the U.S. regain some of the lost markets, and give EC competitors an incentive to end the unfair trading practices that initiated the dispute originally.

Administration and Farm Bureau officials indicated that they expect the final USDA program, slated to be announced today, would be diluted somewhat, but still contain most of the key "targeting" provisions.

"We expect it to be watered down somewhat," said one official. "But we think we've won most of what we wanted. We'll have to wait and see, though."

Most of the pressure for a more broad-gauged approach is coming from the large grain companies, officials said, who feel the narrowly focused "targeting" approach would put them in an awkward position with their customers. One major company reportedly has refused to cooperate with the plan originally outlined by USDA, sources said.

The American Soybean Association said it opposes the extension of the proposal to soybeans, feeling it will not benefit soybean farmers, according to ASA President Roger Asendorf.

"The Export Enhancement Program's purpose is supposedly designed to increase total sales and to counter unfair trade practices," Asendorf said. "But so far, it appears the program will not be used against the two countries (Brazil and Argentina) whose export practices hurt U.S. soybean farmers the most; and would be used specifically against countries who are major buyers of U.S. soybeans and products."

Ag museum fund-raiser

DOVER, DE – The Delaware Agricultural Museum will hold a fundraising auction and consignment sale on Saturday, June 8 at 10 a.m., rain or shine.

Farm equipment, farm-related items and household items will be auctioned including: a 1956 ½ ton pick-up truck, 2 wooden wagons, two Model 100 Delaval pail units, 1 cord of wood, misc. lawn and garden equipment, American Flyer diesel train engines, passenger cars and accessories, corn planters, a cane rocker, a pine chest, and much, much more. All items have been donated or consigned just for the auction.

The auction will be held at the museum located just south of Delaware State College on Route 13 in Dover. Lunch will be available. Only cash or approved checks will be accepted. On the day of the auction, the main exhibits and historic buildings will be closed to the public; however, the gift shop and restrooms will be open and accessible.

The auctioneer will be Clarence Scuse. All proceeds will benefit the Delaware Agricultural Museum, a private, non-profit educational organization.

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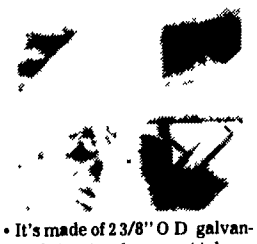

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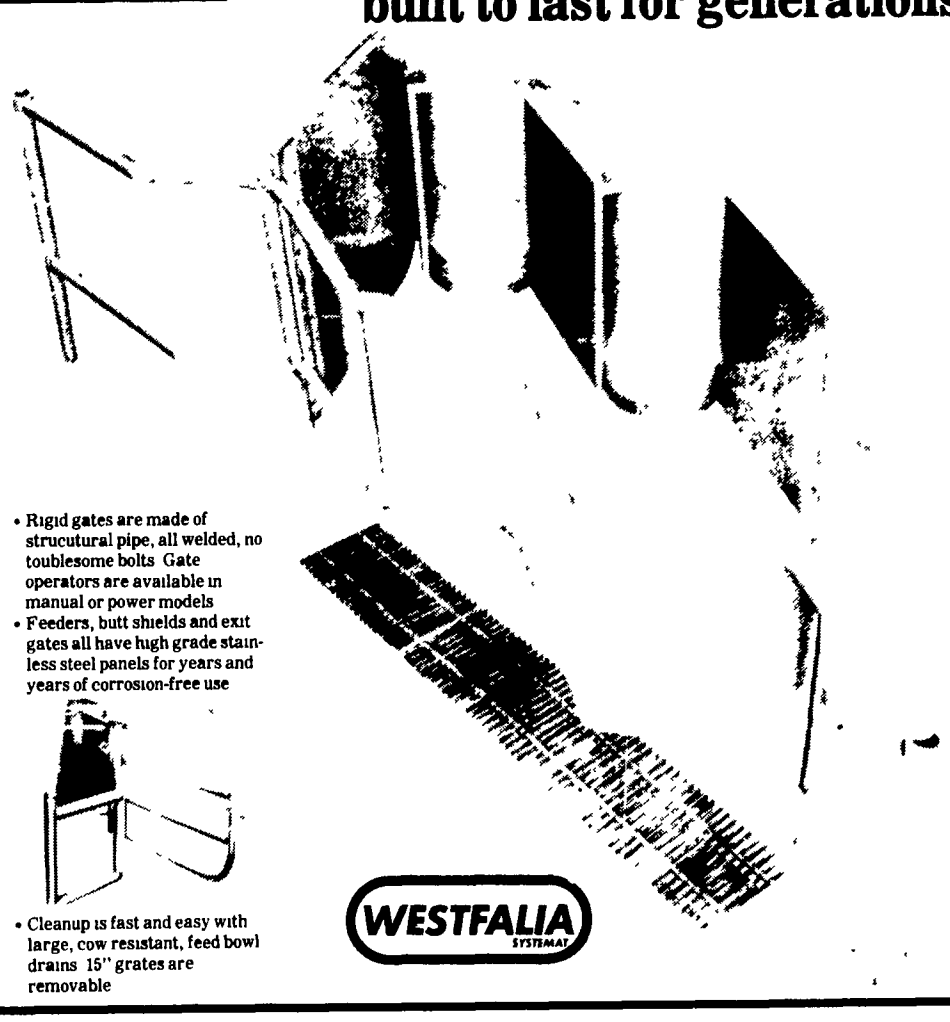

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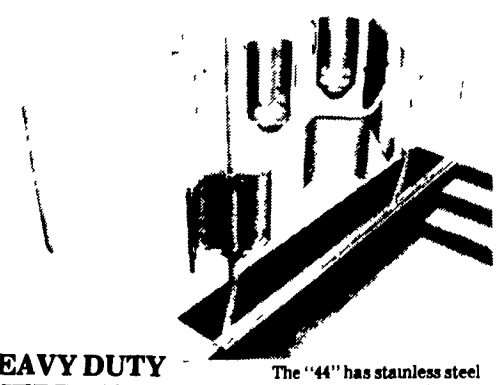

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One-ox plow revolutionizes Third World farming

LITTLE ROCK, Ark. – A revolutionary new one-ox plow, developed by researchers sponsored by Heifer Project International, an international supplier of livestock and the training to raise these animals to low-income families around the world, is now enabling farmers in Kampuchea (formerly Cambodia, in Southeast Asia) to cultivate their land more efficiently at half the ox power. The announcement of the new development was made by Dr. Robert Pelant, Asia Director, at the organization's Little Rock headquarters.

Dr. Gordon Hatcher, a veterinarian for the American Friends Service Committee (AFSC) and former Program Director for Heifer, helped to design the new plow and harness for use in Kampuchea by modifying similar one-ox systems in use in Ethiopia and the Philippines. The significance of this development is that now low-income farmers will be able to plow with the use of only one ox or water buffalo instead of the normal two animals used traditionally by Third World farmers.

The problem with the two-oxen harness in Kampuchea was two-fold. First, a large portion of Kampuchea's draft oxen and buffalo stock were wiped out by epidemic diseases causing a crucial shortage in the country's only source of power for plowing. Without these animals for power, a farmer can only produce one-fourth as much food as he could previously.

However, in 1981, Heifer Project and the AFSC began a cooperative program to inoculate the remaining herds and halt the epidemic diseases. Through this effort, the draft animal population has begun a slow increase, but there are still far fewer animals available than needed for plowing.

Secondly, the traditional plow and harness used in this area calls for two water buffalo or oxen pulling side-by-side. But even in better times, the cost of maintaining two oxen is prohibitive to poor farmers. Dr. Hatcher's answer to this problem was the one-ox (or buffalo) plow, which he adapted from similar systems in Ethiopia and the Philippines but using the resources available to Kampuchea farmers.

This new design has been found to be more efficient as it uses the draft animal's powerful shoulder muscles rather than the neck muscles pulled into use by the traditional yoke plow. With the use of the new harness, an animal's pulling power is almost doubled, enabling a smaller number of animals to serve a larger number of small farm families in producing food for themselves and their country.

Kampuchea's recovery from past years of turmoil has been a slow process, hindered in the past by its inability to feed its own people. By increasing the draft animal population, which makes food production possible and helps small farmers make the most efficient use of their animals with simple, human-scale technology, Heifer Project International, the American Friends Service Committee and Dr. Hatcher are creating a working partnership to enable Kampuchea to rebuild itself from within.

Heifer Project International is an interfaith, nonprofit organization dedicated to wiping out world hunger by providing the means for low-income farmers in the U.S. and around the world to feed themselves and their communities. For over 40 years, Heifer has been providing livestock and the training to raise, breed and market the offspring of these animals and their produce.

Headquartered in Little Rock with six branch offices across the country, Heifer Project is currently operating projects in 34 countries and in 11 U.S. states.

Hlubik is new Penn State dairy extension professor

UNIVERSITY PARK – Joseph G. Hlubik will "focus on dairy farm management problems" in his new role as assistant professor of dairy science extension at The Pennsylvania State University.

Hlubik's appointment, effective April 15, was announced by W. Wayne Hinish, associate director and associate dean of Penn State's Cooperative Extension Service.

As a dairy extension specialist, Hlubik will be involved in programs that integrate production management and economics. "Dairy farmers are required to be good herd, crop and financial managers," he says. "I hope to help in pulling these areas together and providing tools to use in analysis and decision making."

Hlubik received his bachelor's degree in animal science from Cook College, Rutgers University, in 1976. He earned his master's in 1979 and his doctorate in 1984 in dairy science from Michigan State University.

From 1981 until his Penn State appointment, Hlubik was a specialist in dairy management at Michigan State. Between 1979 and 1981, he worked on dairy nutrition with Michigan's extension service.

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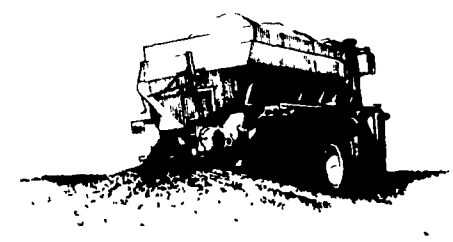

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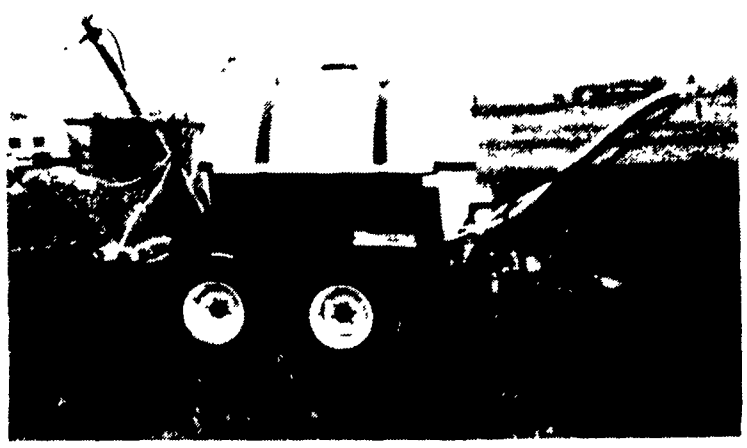

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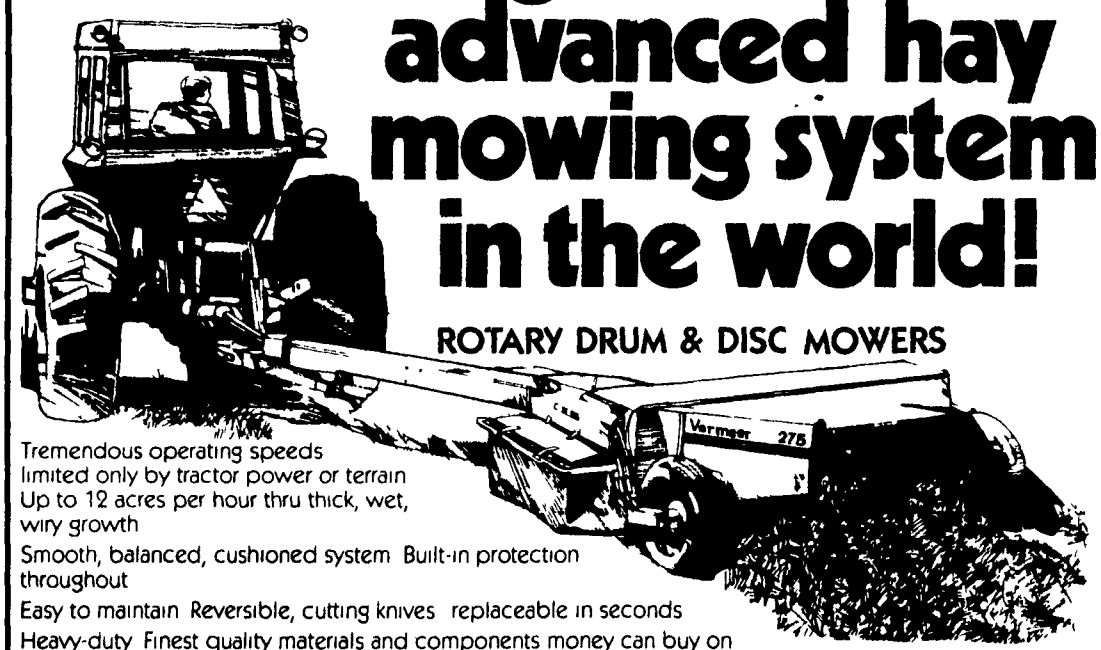

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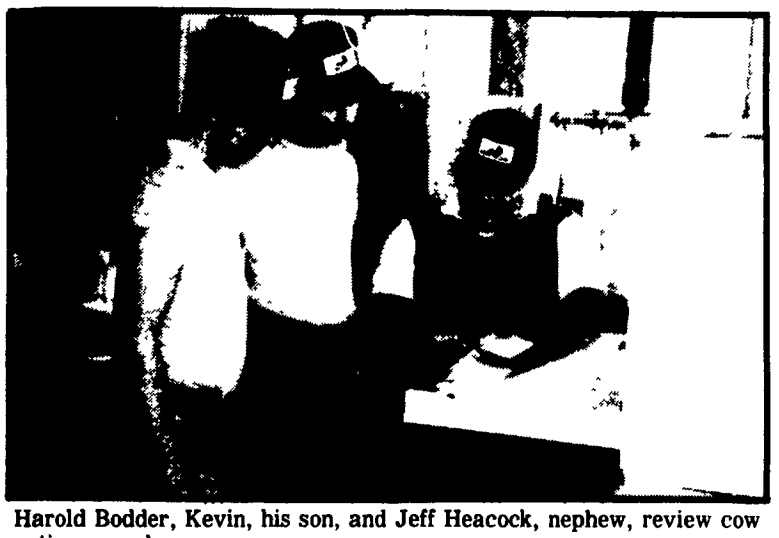

Harold Bodder, Kevin, his son, and Jeff Heacock, nephew, review cow eating records.

Congratulations To Harold Bodder of "Happy Hollow Farm"

which recently installed the new Farmtronix "Stanchion Feeding System"

We at Purina Mills, Inc. and Chek-Tech, Inc. salute Harold for his leadership in moving to the leading edge of new technology in computer feeding dairy cows in stanchion barns.

Chek-Tech, Inc. and your FARMTRONIX DEALER and Harold Bodder of "Happy Hollow Farm" invite you to attend our "STANCHION FEEDING SYSTEM"

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Come, See And Hear About This Computer Controlled "Stanchion Feeding System"

Featuring:

- High Moisture Corn Handling
- IBM Interface Capability
- Dual Ration Feeding - 12 X per day
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NOTE: We are also holding an "Open House" at the Paul and Dave Countryman farms in Somerset County, Pennsylvania on July 9th. Register to see the first two "Stanchion Feeding Systems" by Farmtronix in operation on the East Coast. Call your Farmtronix Dealer today to register.

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Biotech offers new tools in battle against plants

LOS ANGELES — Ever since humans began growing food many centuries ago, the war against agricultural pests has been going on unabated, with no signs of a truce in sight. Despite enormous successes achieved through modern agricultural technology in controlling some of the pests, the struggle continues, says a Cornell University scientist.

"What's missing from this endless cycle of susceptibility and resistance is a clear understanding of both the disease-causing organisms and the plants they attack and of the molecular bases for their interactions," says Milton Zaitlin, a professor of plant pathology from the New York State College of Agriculture and Life Sciences at Cornell.

But, modern genetic techniques, more popularly known as biotechnology, may now offer new powerful tools to devise more effective pest control measures, he says. Such techniques make it possible to gain the fundamental knowledge of the pests and their hosts in terms of genetics, biochemistry, physiology, and the interactions between them, among others.

"It may be possible, in the future, to devise the methods for transferring desirable traits for resistance into crop plants and, conversely, to genetically program certain organisms to attach some of the pests, including weeds," Zaitlin predicts.

The Cornell scientist, who serves as associate director of Cornell's Biotechnology Program, made his observations in a presentation at the annual meeting of the American Association for the Advancement of Science (AAAS) in Los Angeles, May 26-31.

Zaitlin focused his talk on molecular basis of plant-pathogen interactions and modification of microorganisms for biological control in the AAAS symposium devoted to discussion of "**New Directions for Biosciences Research in Agriculture: High-Reward Opportunities,**" a new study undertaken recently by the National Research Council (NRC), the working arm of the National Academy of Sciences.

The study was conducted by a panel of 18 university and industry scientists headed by Ralph W.F. Hardy, a visiting professor of life sciences at Cornell and president of BioTechnica International, a Boston-based biotechnology firm. Cornell's Zaitlin, who was on the panel, served as chairman of the group's subcommittee on plant diseases and insect pests.

The NRC study, which stressed the need to step up research to develop further molecular genetic techniques, including recombinant DNA technology, said that what scientists can accomplish through these new tools is awesome, but it warned, "To be slow in acknowledging and employing the power of these tools would be to delay the progress of American agriculture."

Basing his presentation on his subcommittee's work on plant diseases and insects, Zaitlin said that at present American farmers obtain dependable crop yields using disease-resistant varieties, biological control practices, and pesticides to control plant disease, insects, weeds, and other pests.

The cost of pesticides, excluding weed-killers, in 1983 was $1.3 billion, he pointed out, adding that the potential crop losses in the absence of pesticide use greatly exceeds the cost of the pesticides used.

The tools of genetics and molecular biology, he said, now offer some new methods for gaining the basic understanding of the pests and their hosts (plants) in terms of genetics, biochemistry, physiology, and interactions between them, among other factors essential for devising new, more effective control strategies.

Among areas of research requiring major efforts ahead, as outlined by Cornell's Zaitlin, are:

- the molecular bases of the factors that determine resistance and susceptibility;
- the basic understanding of the interaction between the host plant and invading pathogen; and
- the transfer of resistance traits to susceptible plants through the development of organisms for use in carrying genes from one species to another.

Block to attend World Food Council meeting

WASHINGTON — Secretary of Agriculture John R. Block will visit the Netherlands, Belgium and France June 6-11 to attend the World Food Council meeting and to discuss farm products trade issues between the United States and the European Community.

"We face many issues regarding the agricultural trade relationship between the United States and the EC," Block said. "There is no substitute for face-to-face discussions. I am hopeful we can take steps toward easing tensions on both sides through open discussion."

In France, Block will attend the 11th Annual World Food Council Ministerial, an organization of 36 member nations that meets to discuss world food problems. The principal topic of this year's meeting is the food shortage in Africa and other areas of the world. "We have a number of important problems to address at the Council meeting in regard to world hunger," Block said.

Block will meet with Franz Andriessen, vice president of the EC Commission as well as EC agricultural ministers.

During his visit, Block will address a conference of U.S. and European journalists and the annual convention of the European Feed Compounders Association.

Correction

In last week's issue Kevin Martin's name was inadvertantly missing from the story on the 16 winners of the Farm and Home Foundation scholarships worth $1,000 each.

Kevin, 17, is the son of Mr. and Mrs. Clyde Martin, East Earl, and is a graduate of Garden Spot High School. He will study agricultural business management at the Berks Campus of The Pennyslvania State University. He has been active in the Future Farmers of America, and received his Keystone degree.

Market-oriented industry

(Continued from Page A10)

patterns of resource use and high cost producers would be kept in business at the expense of new, possibly lower cost producers. Given that the dairy industry produces almost exclusively for the domestic market and the problems encountered with base plans and allotments of some other crops, it is legitimate to ask if this is good public policy.

I might add, the National Milk Producers Federation commissioned and received on Oct. 1 an autonomous Study Committee report which analyzed Federal dairy support price programs and advanced recommendations for adjusting the programs to better serve their public purposes.

Let me quote one of their key recommendations: "The Study Committee dismissed supply management-supply control types of alternatives to dairy price support. Supply management by definition is a means of enhancing price and income to address economic problems in the producer sector. To the extent that producer prices are increased by such artificial means over a period of time, the demand problems facing the milk industry are exacerbated. The Study Committee positively and unanimously adopted a market orientation for price support, thereby excluding production control approaches."

Third, the proposal prescribes that all milk marketings will be assessed at a rate necessary to cover all the costs of the diversion program. This is effectively a tax on all producers. The voluntary diversion program which recently ended resulted in a 20 percent participation that was funded by all milk producers including the 80 percent of the producers who did not participate in the program. That is hardly a mandate for a supply management program.

Fourth, the proposal calls for a mandated increase in the Class I differential by including provisions in the Agricultural Marketing Agreement Act that would reimburse cooperatives for performing certain marketwide services. This would likely cause serious distortions in regional price and production patterns. And while this action would be beneficial to producers who are members of cooperatives in the Southeast, it would also work to the detriment of producers in other parts of the country, especially in the upper Midwest.

The dairy price support program is a national program and milk flows freely across state and political boundaries. As such, any workable solution to the dairy surplus problem must embody principles that will meet the needs of dairy producers and consumers, irrespective of location.

In conclusion, let me reiterate that I am unalterably opposed to this proposal. A mandatory supply management program will only result in more serious problems for the dairy industry. This proposal may be able to meet some budgetary spending limit, but it will ultimately be the taxpayers and consumers who will pay for this program, not to mention the adverse impacts it will have on our livestock industry, one of the most important sectors of our agricultural economy.

I sincerely hope that the National Milk Producers Federation and the entire dairy industry will reexamine this proposal and unite, once and for all, behind an approach that will best serve the needs of consumers, taxpayers, and most important, the dairy industry itself.

Task force to study structure

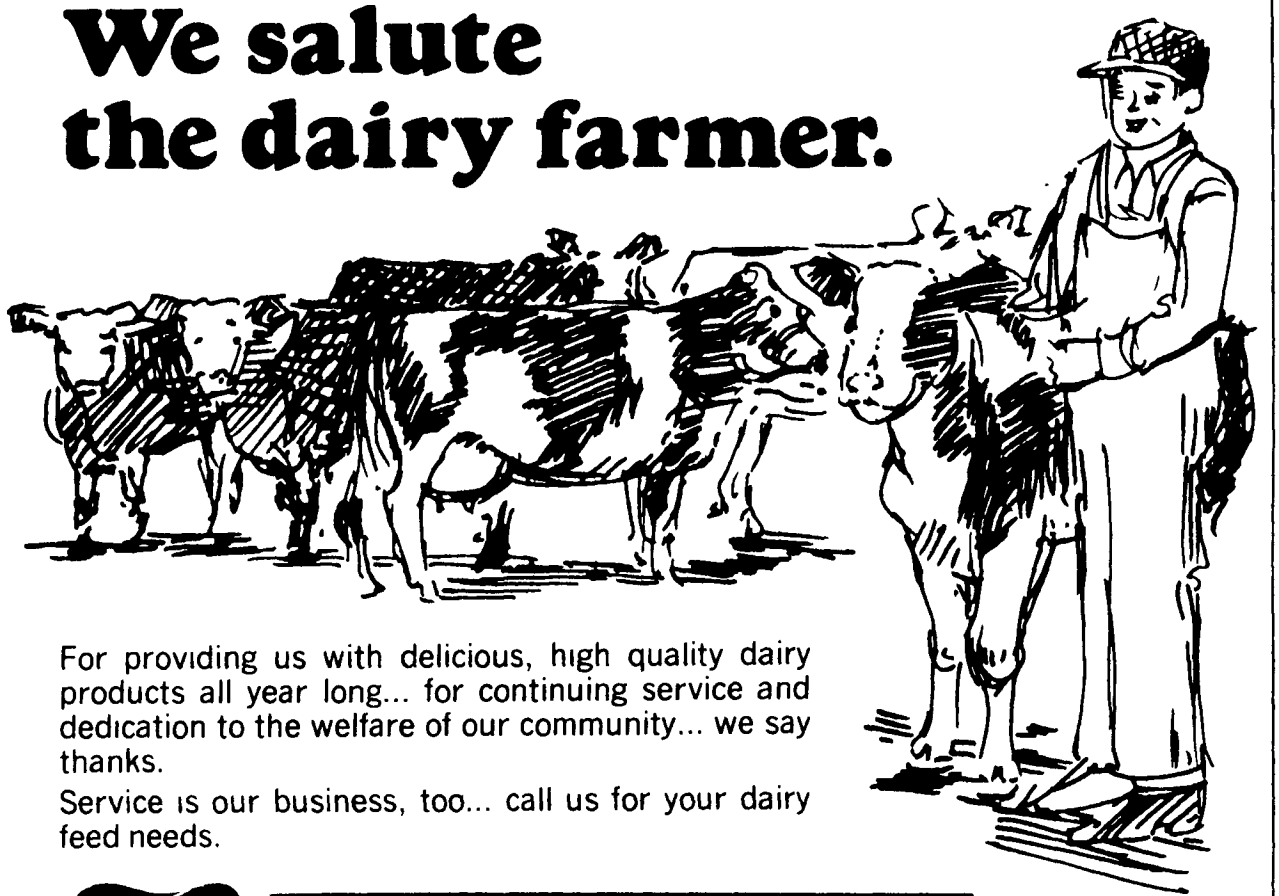
WASHINGTON — Secretary of Agriculture John R. Block, calling for a more streamlined and contemporary Department of Agriculture, today directed a special task force to begin an intensive review of the Department's structure and how it is meeting the needs of its modern constituency.

"We owe it to the farmer and the taxpayer to do a better job of delivering service," Block said. "Many of our program delivery systems at USDA are more than 30 years old. They have grown and evolved over the years with little evaluation of their effectiveness. It's time that we change that and take a progressive view of the department's structure."

The review process is being managed by a task force of key department officials named by Block. Working through special task group, the team will look at headquarters structure, program overlap, field structure, technology application and administrative support.

The intent is to reduce duplication and to provide the most effective delivery system. Maximum participation is creating and discussing the changes will be sought through constituent groups, USDA employees, unions and the Congress The Food and Agriculture Councils, working with interested constituent groups in their states, will be used in designing changes field level.

We salute the dairy farmer.



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A salute to dairymen.
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In June a lot of people pay tribute to dairy farmers. It's National Dairy Month.

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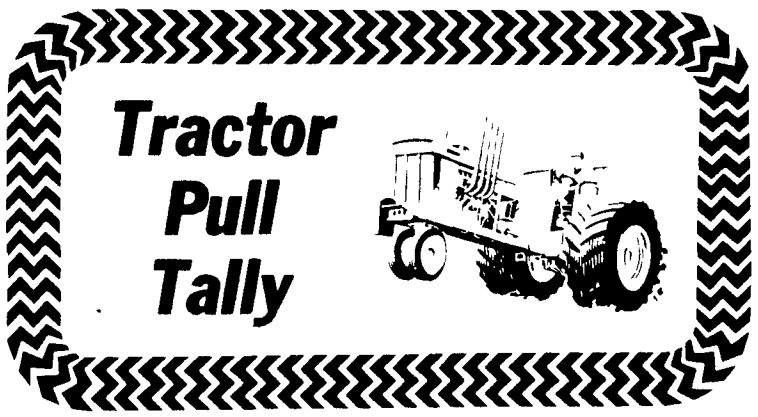

Buck Tractor Pull
May 25, 1985

5 Mod.

1. Jeff Franty, Windsor, Pa., F.P.; 2. Nathan Wolfe, Bedford, Pa., 296.5; 3. Gary Mills, Fallston, Md., 289.0.

1000 S.S. Garden Tractor

1. Leonard Hollinger, Mountville, Pa., 121.5; 2. Loren Ressler, Mountville, Pa., 88.5; 3. Joe Rakowski, Collegesville, Pa., 74.2.

1200 S.S. Garden Tractor

1. Leonard Hollinger, Mountville. Pa., 120.10; 2. George Eby IV, Elizabethtown, Pa., 109.10; 3. Joseph Rakowski, Collegeville, Pa., 99.4.

Street-FWD

1. Larry Baltoyer, Lancaster, Pa., F.P. F.P. F.P.; 2. Roy Eshelman, Elizabethtown, Pa., F.P. F.P. 256.2; 3. Mervin Moyer, Grantville, Pa., F.P. 299.10.

7 Mod.

1. Curt Luckenbill, Schuylkill Haven, Pa., 269.7; 2. Nathan Wolfe, Bedford, Pa., 262.2; 3. Thomas Zimmerman, Mt. Joy, Pa. 261.6.

Street Semis

1. Wilbur Nauman, Ephrata, Pa., F.P.; 2. Carl Spickler, Elizabethtown, Pa.; 255.2; 3. Ronald Wilburn, New Providence, Pa., 252.11.

9 Open

1. Robert Wittenbrader, Jr., Lake Ariel, Pa., 299.3; 2. Gary Mills, Fallston, Md., 296.7; 3. Earl Henderson, Baldwin, Md., 247.9.

N.T.P.A. Buck
Tractor Pull
May 27, 1985

9000 SS

1. Ronnie Hughes, New Windsor, Md., 258.10 ft.; 2. Howard Meredith, Wye Mills, Md., 256.10; 3. Jerry Hart, Vandalia, Ohio, 256.8.

1750 Mini

1. John Fairbanks, Fitchburg, Maine, F.P. 250.0; 2. Dennis Horst, Chambersburg, Pa., F.P. 231.3; 3. John Seylar, Chambersburg, Pa., F.P.

7000 Mod.

1. Kenneth Owens, Harwood, Md., F.P.; 2. Willard Will, Central City, Pa., 288.4; 3. Thad Will, Central City, Pa., 280.7.

6200 4WD

1. Glenn Davis, Hollywood, Fla., F.P.; 2. Tony O'Steen, West Green, Ga., 292.7; 3. Howard Lewis, New Carrollton, Md., 289.5.

PennMar purchase

(Continued from Page A1)

this is a one-time assessment, and producers would be able to buy or sell shares, in $500 increments, based on their changing requirements.

Along with the common stock and commodity stock necessary to become a co-op member and market hogs, preferred stock will also be offered to hog producers, as well as anyone else interested in the co-op only from an investment standpoint.

Although producers generally favored the program, most were hesitant to sign on the dotted line.

"It's presented in a well thought-out manner," noted one Manheim hog finisher, "but I think it's going to cost them more to operate than they're saying."

One farrow-to-finish operator from Ronks was in agreement. "I don't think they'll have enough working capital," he said, noting that slaughtering 3,000 hogs a week will cost the plant $330,000 a week, based on a per-head price of $110. "And then after two weeks you've got to start paying your employees, too."

Another Manheim producer was reluctant to comment on the financial picture, but had high praise for the co-op's emphasis on quality.

PACMA sales manager Royal Palmer explained that producers will be paid according to the "lean yield system" with backfat thickness at the last rib being the determining factor. "We can no longer afford to say 'I don't care what happens to my product after it leaves the farm,' " Palmer said, emphasizing that paying a premium for top quality pork is one way of producing the kind of red meat that consumers demand.

Most producers agreed on this point, noting that paying higher prices for lean hogs gives producers more incentive to improve their stock.

And producers generally agreed that the cost of co-op membership was minimal. "What's $1,000 if you have a market," one pork producer commented. "You can pay that for one good boar."

Though no banks have committed funds to the venture, Goss noted that a number have indicated interest. "I don't have any reservation that we're going to make this work, if you want it," he told producers. "When it comes to making money, I can't think of anything other than a co-op that will get the job done."

Producers interested in learning more about PennMar and the Shamokin plant can contact Howard Goss at PACMA, phone: 717-761-2740.

York farm tour planned

(Continued from Page A30)

bookkeeper, and a second son, Steve, is employed off the farm.

In addition to having ample opportunity to observe the graceful thoroughbreds, visitors will see displays of various types of tack, including western, exercise and jockey saddles, and shoeing equipment.

The Harry and Dorinda Arnold dairy herd grazes on land steeped in local history, and tracing back to original land grants.

The Arnolds purchased the 130-acre general farm in 1955, from the late Anna Huber, founder and president of the York Visiting Nurse Association for 40 years. She was the last descendant of the family which had purchased the land from Thomas and John Penn, sons of William Penn. An original deed, inscribed on animal skin and dating to 1772, in "the twelvth year of the reign of King George III," is a prized family possession.

Arnold remodeled the barn in 1957, and it presently houses their herd of between 35 and 40 milking Holsteins, a large portion of them of the Red and White Holstein breed. About 40 head of replacements are raised at all times, as well. Cropping program centers on corn and alfalfa, for use in the dairy herd feeding program.

Dorinda is a registered nurse at Memorial Hospital. The couple's five children, Annette, Kathryn, Lee, Christopher, and Philip work at various off-farm professions.

Special hostess at the Arnold farm will be York County Dairy Princess Joyce Ruppert, with samples of flavored sterile milk from Dairymen, Inc. Other dairy-related items of interest planned are a display on the daily feed consumption of a cow, and an exhibit by American Breeders Service.

Base for the haywagon tours will be a centrally-located large tent, housing various ag-related craft, commodities and food displays. Periodic demonstrations of sheep shearing are planned. Wagons will leave the base area at frequent intervals throughout the day.

All three participating farms are south on Route 462, between Wrightsville and Hellam. Visitors should take Route 30 to the Wrightsville Exit, and follow the farm tour signs.

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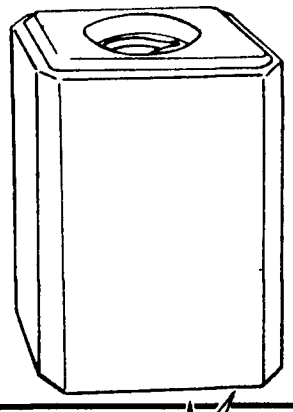
June is dairy month

New from White Oak Mills



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Closing Date Monday 5 00 P M
of each week s publication

JUNE

MON JUNE 3 - 5PM Restaurant Equipment Auction Located 2053 Lycoming Creek Rd , Williamsport, PA, along Rt. 15N. Roy & Marian Keister, Owners Fraley Auction Co., Auctioneers.

WED JUNE 5 - 7·30PM Public Sale of 50 Cattle. Located Riley Rd., West Windsor, NY, Broome Co Nicholas & Margaret Petrus, Owners Mel Manasse, Sale Mgr & Auctioneers

FRI JUNE 7 - 10AM Public Farm Auction of Farm Mach., Dairy & Barn Eq , 68 Head of Hol. Cattle, Real Estate Location: Raymond Logsdon Farm. Take MD Rt. 36 from either Frostburg or LaVale to Mt Savage,MD. Take the School Rd. from Mt Savage to the Bald Knob Rd Follow Bald Knob Rd 9/10 mi. to farm lane. Mr & Mrs. Raymond Logsdon & Mr Savage, Owners Robert G. Custer & Clark A. Yoder, Auctioneers.

FRI. & SAT JUNE 7 & 8 - 4PM & 9AM Respectively Val. Real Estate, Antiques, Collectors Items, Doll Collection, Carnival Glass, Tools, Hshld Estate of Leonard Rishel, 61 Green St., Muncy, PA, Lyc. Co. Fraley Auction Co , Auctioneers.

FRI. & SAT. JUNE 7 & 8 - 10AM Public Auction of Truck Parts and Access , Truck Mair Tools Gar Eq , Storage Trailers, VAn Bodies Former Mandata Poultry Co , Rt. 225, Herndon, PA, 45 mis. N of Harrisburg, PA, & 14 mis S of Sunbury, PA Commercial Auction Col Steve Sitar & Co

SAT JUNE 8 - 10AM Farm Machinery Dispersal DIRECTIONS From Leesburg, VA, go Rt 7 W to Rt. 9, go approx ¼ mi on Rt. 9, take right at Texaco Station on Rt. 665, go 1 mi. to Rt 703 & follow signs Sale for Vanguard Co , N V. Craig Damewood, Auctioneer

SAT. JUNE 8 - 9AM Public Auction of Commercial Real Estate, Elec. Eq & Accessories. Located ¼ mi E. of Palmerton along Aquashicola Rd. For: Kresge Electri Doug & Tim Houser, Auctioneers

SAT JUNE 8 - 10AM Farm Eq & Hshld Located at Delaware Agricultural Museum just S of Delaware State College on Rt 13 in Dover. For Delaware Agricultural Museum. Clarence Scuse, Auctioneer.

SAT. JUNE 8 - 10 AM Registered Heifer New Holland Sales Stables, Inc , Auctioneers

SAT JUNE 8 - 10 AM Public Auction of Farm Mach , Hay & Corn, Trucks, Sawmill, Butcher & Dairy Eq , Farm Accessories. Located Millersburg, PA Approx 3 mis E. of Millersburg, Rt. 209, or 5 mis. W. of Elizabethville on Rt 209 & ½ mi N on Landis Drive at the Free Grace Church Mr & Mrs Earl Raker, Owners Edwin Shoop & David Deibler, Auc tioneers

SAT. JUNE 8 - 10 AM Public Auction of Collectibles, Antiques, Hit & Miss Engines, Guns, Mach. Lathe, Furniture Located Berwick, PA, RD3, Martzville Rd Turn N on Market St , go to end Myron & Isabel Heckman, Seller Nevius Auction Service Dan Nevius, Auctioneer

SAT. JUNE 8 - 9.30 AM Public Sale of Real Estate, Antiques & Hshld. Located along Pine Hill Rd., Warwick Twp., Lanc. Co., PA. DIRECTIONS Rt 501 N. of Lititz, turn E. onto Newport Rd , continue to Clay Rd Turn N on Clay Rd continue to Pine Hill Rd., turn right Terms by Clarence A Engle, Sr Estate T Glenn & Timothy G. Horst, Aucts

SAT JUNE 8 - 9 30 AM Barge, Line Eq Trucks & Vehicles For Consolidated-Edison Co , Astoria, NY Vilsmeier Auction Co., Inc

SAT. JUNE 8 - 9 AM Selling Lifetime collection of the Late Irvin M. Scheib at the corner of S. Second & Heller Sts in Berrysburg, Dauphin Co , PA, 10 mis E of Millersburg; 30 mis N. of Harrisburg. Mrs. Irvin M Scheib, Owner. Mike & George Deibert, Auctioneers

SAT. JUNE 8 - 9 30 AM Public Sale of Hshld Goods, Antiques, Dolls, Dishes, Garden Tools, Guns. Located in Lanc Co., PA, on Diller Ave. in New Holland. From Rt. 23 go S. on Diller Ave. across RR tracks, first farm left Mrs. Allen Hoover, Owner Steve Petersheim & Steve Jr , Auctioneers

SAT JUNE 8 - 10 AM Outstanding Estate Auction, Fine Furnishings, Antiquels, Guns, Farm Eq., Tools, Tack. Location: Grove Rd., Elverson, PA. Approx ¼ mi. off Rt 23, between village of Elverson & Rt 100 Terms by Mr & Mrs Charles Berry Ken Reed, Auctioneer

SAT JUNE 8 - 12 Noon Public Auction of Antique Gas Engines, Museum Quality Tractors Located West Alexander Fairgrounds, West Alexander, PA Off I-70, PA Exit I. Randy L Shook Auctioneer

SAT JUNE 8 - 10 AM By Edna M Shenk Est Farm Eq , Tools & Hshld Goods Located Lititz, PA Paul E Martin & John D Stauffer, neers

SAT JUNE 8 - 9AM Electrical & Plumbing Supplies Located E of Carlisle, from Rt. 11 near I-81 intersection take S Middlesex Rd to Claremont Rd to Auction Site Auction for Traffic Control Systems John Mumma, President Kerry Pae Auctioneers

SAT JUNE 8 - 11AM 5 Burlington Co , NJ, Farms. Comprising 608& Contiguous Acres From Exit 7, NJ Turpike S. on Rt. 206 approx ¼ mi to Old York Rd , left to Rt 528 Right to Village of Chesterfield Louis Traiman Auction Co

SAT JUNE 8 - 2PM Public Sale of 20 acre Farmette Located 6 mis N of Manheim, Rapho Twp , Lanc. Co., PA. Going N on Rt. 72 turn left onto Pinch Rd., before crossing over turnpike turn left onto Camp Rd. Near United Zion Camp Grove. Sale by William Saylor. Rufus Geib & Raymond Miller, Auctioneers.

SAT. JUNE 8 - 10AM June Farm Eq. Consignment Auction. Sell at Hunter's Sale Barn, Inc., Rt. 276, Rising Run, MD. 301-658-6400.

SAT JUNE 8 - 10AM Farm Eq., Antiques, Hshld. & Guns Located St Peters, ½ mi N of Harmonyville Rd , Chester Co Arthur J. Hurth & Wife, Owners R H. Thompson, Auctioneer. Geo. Cummerer, Assoc. Auct Gail Grimley, App. Auct.

SAT. JUNE 8 - 9.30AM Benefit Auction of New Covenant Christian School Quilts, 3D Painting, Hshld , Tools, Handcrafted Items Hardware Located Lebanon Area Fairgrounds, SE of Lebanon off Rt 72, at corner of Cornwall & Rocherty Rds Harry H Bachman, Nelson L Ebersole & Jay Witman, Auctioneers

SAT JUNE 8 - 10 30AM Public Auction of Farm Eq , Horse Drawn Eq , Pony Saddles, Hshld Located on Rt 549, Daggett, PA, midway between Elmira & Mansfield Estate of Charles Jennings Magaret E Harris, Executrix Shedden's Auction Service

SAT JUNE 8 - 10AM Public Auction of Farm Eq , Tools & Hshld Location Rt 501, at N end of Lititz, PA Turn W on Lincoln Ave to first farm on left. Auction by. Edna M Shenk Estate. J & P Auctions Paul E Martin & John D. Stauffer, Auctioneers.

SAT. JUNE 8 - 9AM Liquidation Sale of Water-Sewer-Construction Eq Located on Rt 443, Pine Grive, Sch. Co., PA Sale by A&R Construction Jay Riegel, Jr., Auctioneers

SAT JUNE 8 - 10AM Public Sale of FArm Mach , Small Tools Located 865 Long Corner Rd , SE of Mt. Airy, Howard Co , MD. Jesse T. Crowder, Jr., Owner Austin Bohn & Chas Funkhouser, Auctioneers

SAT JUNE 8 - 10:30AM Public Auction of Furniture & Antiques from the Speicher Estate, Mr & Mrs. Geo. B Warburton, & Others from Chestertown, MD. Harry Rudnick & Sons, Inc., Auctioneers.

SAT JUNE 8 - 10AM Public Auction of Power Tools, New Ford 3610 Tractor, Wheel Horse Lawn Tractor. Located along Rt 29 just S. of Emmaus near Becks Farm Eq. Ordered by Rovena Hoanzl Ralph W. Zettlemoyer Auction Co , Inc

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SAT., JUNE 22, 1985
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Carlton Place is just off Oregon Pike-take Ruth Ridge Drive at Oregon Pike and follow through to Carlton Place.

Farm relating items will be sold first and includes the following;

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Peter Myers named assistant ag secretary

WASHINGTON — Peter C. Myers will be formally sworn in today as assistant secretary of agriculture for natural resources and environment by Secretary of Agriculture John R. Block. Myers has served as chief of USDA's Soil Conservation Service since April 1982.

"Peter Myers has been one of our nation's most vocal advocates for sound natural resource conservation," said Block. "His work in implementing the nation's first comprehensive national soil and water conservation program is an example of his commitment."

Before his appointment as chief of the Soil Conservation Service, Myers operated his row crop and livestock farm in southern Missouri for 27 years. Myers has also served as commissioner of the Missouri Department of Conservation, as an advisor to the Missouri Soil and Water Commission, as director of the Missouri Cattlemen's Association, and as a member of the Missouri Farm Bureau.

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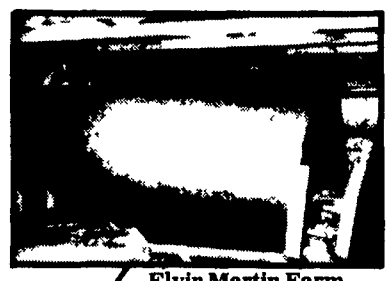

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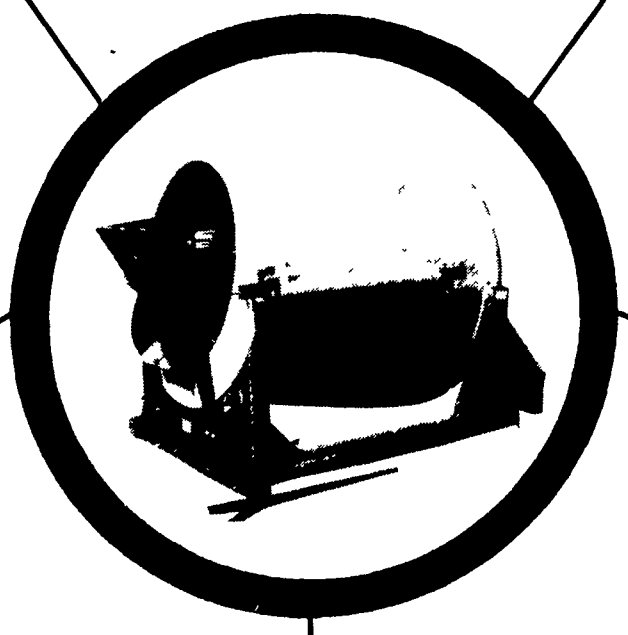

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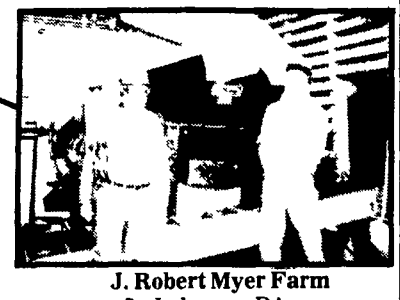

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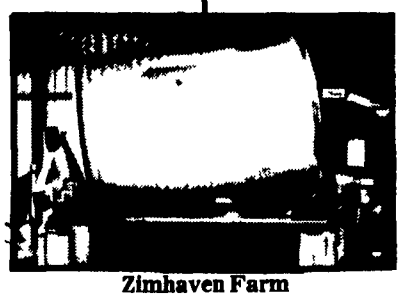

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A college education

Is a degree necessary for success in ag careers?

BY SUZANNE KEENE

LANCASTER — At one time a young person who wanted to land a job in agriculture took vo-ag classes in high school and worked on a farm in the evenings. After high school, he either went home to help dad on the farm, found a neighbor who needed some help, or struck out on his own.

But agriculture is changing and farmers and others in agriculture-related fields often need more knowledge than they can get in high school. That's why many students aspiring to ag careers today decide to continue their education at a college or university.

Just how important is a college degree to success in agriculture? Isn't it possible to learn just as much on the job, without investing thousands of dollars and four years of life?

For some graduates a college degree has opened doors they believe would have remained closed without an education. Kim Stroud, a 1981 University of Maryland graduate, credits her college advisor with indirectly helping her land her first job as associate editor of the American Guernsey Cattle Club's journal.

"You never know when they (people she met in college) are going to come back and help you," she says.

Kim entered West Virginia Wesleyan with the intention of getting a degree in extension home economics. When selecting a major, she said, she kept in mind that girls were supposed to stick to cooking and sewing. But a little soul-searching revealed that home economics wasn't what she really wanted to do, so she quit school and spent the next two years milking cows and working for a department store.

When her parents decided to move close to the University of Maryland, Kim went with them and returned to school, this time for a degree in vocational agriculture. Still unsure that she was taking the right path, Kim talked to a number of people and finally took the advice of a friend who told her that no matter what aspect of agriculture she decided to pursue, she would need communication skills. By working closely with her advisors, she developed her own major in ag journalism.

Kim says her degree has helped her, but adds, "It's not the degree, but what you learned while you were there," that is important. And while classes and bookwork are an essential and important part of college, Kim says it is the extracurricular activities that have been especially helpful. "You learn so much out of the classroom setting," she notes.

During her time at the University of Maryland, Kim had three internships, two in the extension information department at Maryland and the other in extension working directly with a county agent. "That, above all else, has been the most important," Kim says.

Kim doesn't believe she would be at her present position as an advertising specialist with Atlantic Breeders in Lancaster if she hadn't gone to college Her journalism courses have been especially helpful to her as she develops brochures, pamphlets and educational materials

But her knowledge of cows, honed during a year on the University of Maryland dairy cattle judging team, has also been important. At Atlantic she supervises cattle photography, a job which requires the ability to separate the good cows from the bad. "You've got to know what a good cow looks like," she says.

Agri-Graphics cow photographer Sylvia Cooper, a a 1982 Penn State graduate, also needs to know a good cow when she sees one. In her job at Agri-Graphics Sylvia photographs dairy cattle for farmers. She must set the cow's feet and make noise to perk up the ears so the animal looks its very best in the picture.

When Sylvia decided to go to college she had no idea that she would end up taking pictures of cows. Before going to Penn State, she obtained a degree in environmental science from Slippery Rock. She worked for a short time setting up an environmental learning program for a school district, but eventually worked herself out of a job.

It was then she decided to return to school. "I decided I as going to go for something I really enjoyed and that was dairy production," she says.

After graduation Sylvia went to work on a dairy farm. From there she went to Lancaster Farming as livestock editor, and then on to Atlantic Breeders as a linear mate specialist.

Like Kim, Sylvia says that the people she met at college have been important to her success "It's all the contacts I made in school and the friends I made there that are the most important," she stresses. Without them, she says she probably wouldn't be where she is today.

A total of seven years of college have provided Sylvia with a wealth of knowledge to draw on. "All the education has just broadened my background and you draw on all these things when you need them," she says.

Although Sylvia says her education has been valuable, she doesn't think a college degree is essential to success. "I wouldn't say you have to go to school to be a success," she says. "If you really want to, you can stay home on the farm and learn what you need to be a success."

But a college education can be useful on the farm. Nancy Jarrett, a 1977 Delaware Valley College graduate, has been putting her education to work on the dairy farm she and her husband, Mike, operate together in Montgomery Mike and Nancy married shortly after Nancy graduated from Delaware Valley with a degree in dairy husbandry.

While Mike liked the cows, Nancy says, he never had them milking to their capacity and she made it her job to increase the herd's productivity They manage the herd together, but it is Nancy who makes most of the breeding decisions and who formulates the feed, while Mike concentrates his efforts on crops.

Experience on Delaware Valley's dairy judging team taught Nancy to recognize a good cow, knowledge that has been helpful in cow selection. A college education has also been helpful in formulating feed and in making general management decisions, she adds.

"The college education gave me a lot of management ideas," Nancy says. While in college she had the opportunity to visit a number of farms and to observe different operations, giving her new ideas about running a dairy farm.

Nancy drew on her education when she and Mike were planning the dairy barn they recently installed. "I brought in a lot of ideas from my management classes at school," she notes.

A work-study program at Delaware Valley offered Nancy an opportunity to get some hands-on experience to complement her classwork.

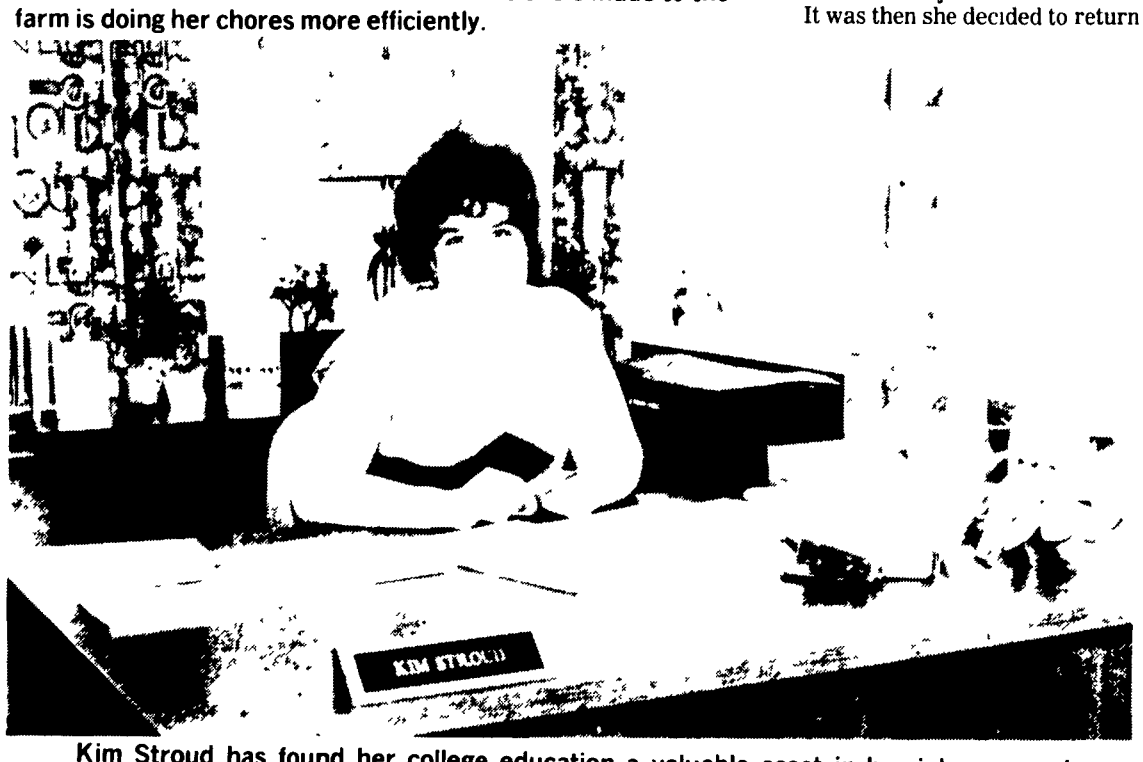
Nancy believes college is a good experience and provides a time to see and learn more things, away from your own farm. An education is especially important today, when dairying is becoming more of a professional business.

"It's going to take a well-managed dairy person to do a good

(Turn to Page B4)

One of Kathy Strock's jobs on the farm is breeding the cows. Here she takes a straw of semen from the deep-freeze. College courses at Penn State have been helpful in making breeding decisions, Kathy says.

Kathy Strock cares for the young stock on her family's dairy farm. She believes one of the contributions she's made to the farm is doing her chores more efficiently.



Kim Stroud has found her college education a valuable asset in her job as an advertising specialist for Atlantic Breeders.

Homestead Notes

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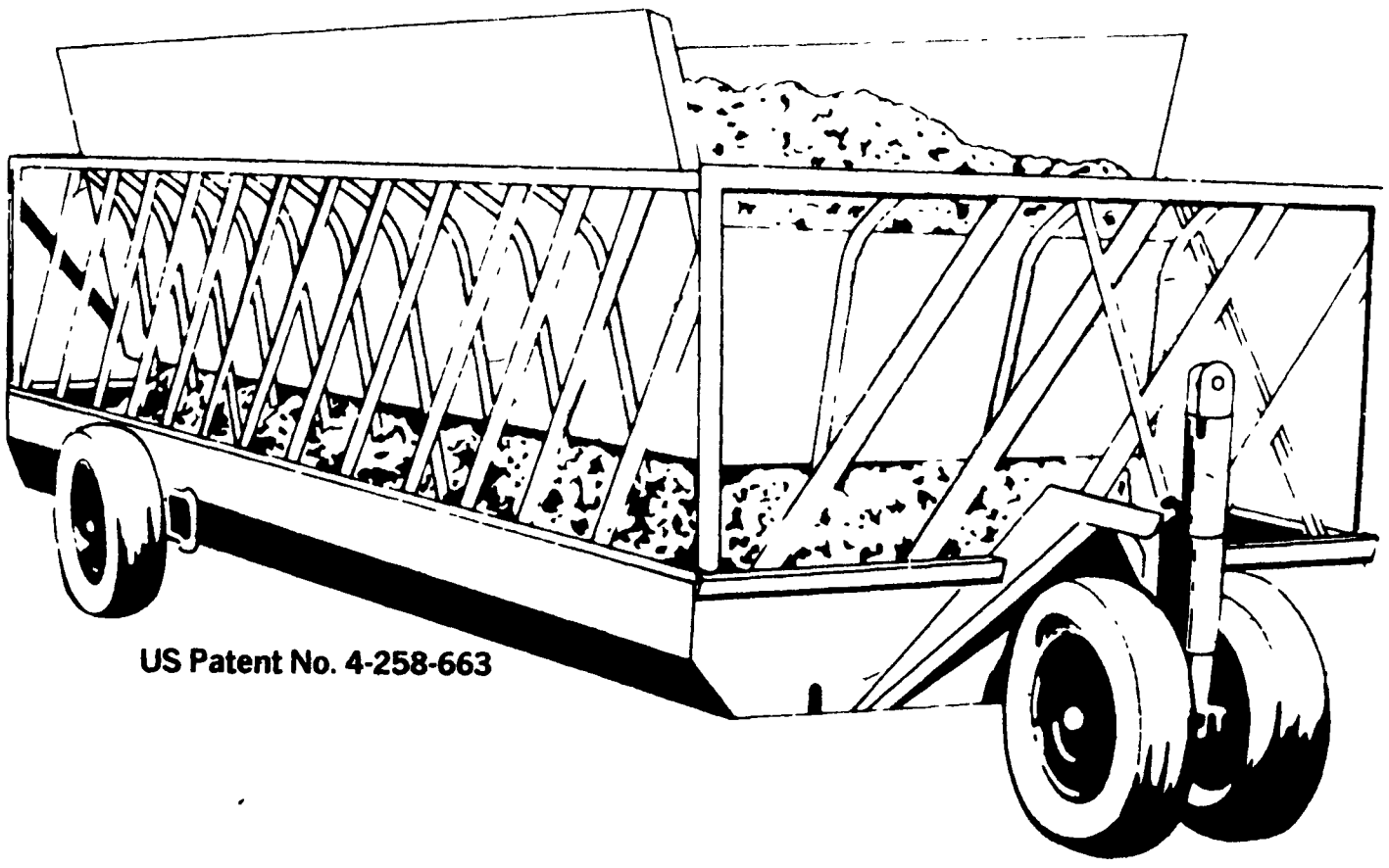

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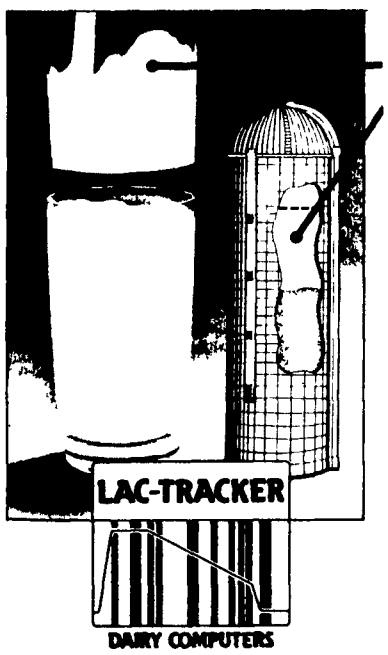

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College education

(Continued from Page B2)

job on a dairy farm," she notes.

Like Nancy, Kathy Strock of Mechanicsburg is using her education on the farm. Kathy, a 1980 Penn State graduate, works on her parent's farm with her father, J. Paul Strock. The Strocks milk 120 cows and crop farm about 150 acres.

Kim Stroud takes a close look at some slides a member has requested.

"I wasn't planning on coming back on the farm, but I was interested in ag," Kathy notes. She entered college with the intention of pursuing a career in research. but a year into her studies she changed her mind.

"I wanted to do something where I could see the results of what I've done," she said, explaining that a job as a researcher could not have offered her that. "I never even considered returning to the farm. It was just not one of the options," she says.

But when the possibilty of her coming home to the farm after school was raised, her father said simply, "I think you can do it." That was all the encouragement Kathy needed to abandon her plans for research and change her major from plant science to agronomy.

Kathy believes her college experience was important "because it made me aware of a lot of things I would never have known about.

"I think if I hadn't gone to college, there would be so many things I'd do without knowing why," she says.

For example she always knew to strip some milk from a cow before beginning the milking, but she didn't know why until she was in college. "You understand the reasons why you do it, and it seems more worthwhile."

The facts she learned in school are also useful when Kathy is formulating feed, keeping records and programming breeding information into the computer. She cares for the young stock and takes care of all the reproductive work. She also does milking, field work, and feeding.

"But college is so much more than learning facts," she continues. Kathy believes the exposure to new ideas and people she got at college has been especially important.

Like the others, Kathy says she met people who have been invaluable to her and who have opened doors that otherwise might have remained closed.

Kathy has found the communication skills she developed in college to be especially useful. "Don't let anyone tell you you don't need good communication skills," she stresses. "It's important for people to be able to speak well."

She credits her excellent communication skills with helping her be selected a Young Co-operator by Inter-State Milk Cooperative last June. The contest involved interviews with three judges and a five-minute oral presentation. Along with the title came an all-expense paid trip to Montana to the National Institute of Cooperative Education.

For all these young women, a college education has helped them on their road to successful ag careers. The degrees may have been helpful, but it is their dedication to learning and a hunger for knowledge and improvement that is their ticket to success.

FWS Calendar

Saturday, June 1

Lancaster Society 6 meets at the home of Eva Parrett for a program by dairy princess Judy Miller.

Lancaster Society 1 meets for a legislative meeting by James Huber.

Lancaster Society 10 meets.

Tuesday, June 4

Lancaster Society 23 meets at 7:30 p.m. for an ice cream social.

Thursday, June 6

Lancaster Society 14 meets at noon at Historic Strasburg for a 50th anniversary celebration.

Lancaster Society 20 meets for an auction.

Friday, June 7

Lancaster Society 19 meets for a program called "Color Me Happy," by Carolyn Tennenhalz.

Saturday, June 8

Lancaster Society 25 meets for a tour of the Water Street Mission at 2 p.m.

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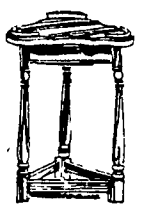

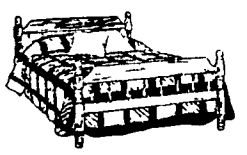

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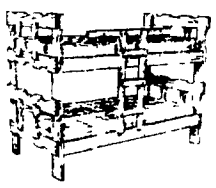

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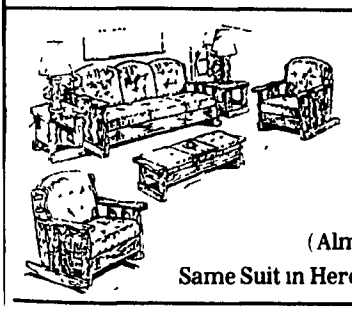

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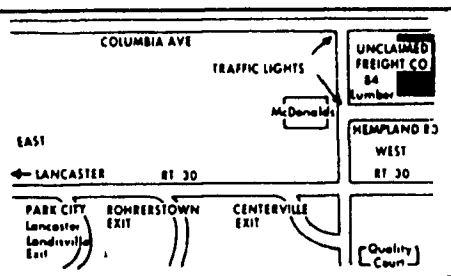

Ida's Notebook

Ida Risser

Even though we need the rain, when it rains for a few days in a row, I feel frustrated because I'd like to be working outside.

Only half of my house plants have been transplanted into the garden. They are put there to become more healthy so that I can repot them next fall. As still another shower pitter-patters on the picnic table, I think of the sugar peas that I should be picking. I call them my "green gold" since the earliest ones claim a big price. I saw some in a store for $5 a quart. Wouldn't you call that "green gold?"

But since I can't go outside, I decide to bake a rhubarb pizza and a coconut cream pie. The men will make quick work of them, if you know what I mean

Next, I see some overalls and shirts that need mending. If it wasn't for the rainy weather, I know that they would wait much longer to be mended. Often I wonder how many patches are enough for one pair of pants. When you put a patch on top of a patch, I think it is time to toss them in the rag bag.

Then I spend some time emptying drawers to find a gown for Cindy's college graduation. She would wear Philip's robe if only I could remember where I put it three years ago. Allen comes to the rescue and suggests a garment bag in the attic and there it is.

Another job to do before it gets too hot in the attic is to move some boxes so that an old dry sink can be brought downstairs. It needs to be repaired and refinished and it will cost me a pretty penny to have it done.

Now what else can I do on this rainy afternoon in the short time that I have left before our early supper Oh yes, write the article for Lancaster Farming because next week I'll be too too busy with strawberries and peas.

Smorgasboard of classes at College Days

COLLEGE PARK, Md. — You'll get plenty of food for thought at "College Days"—three days worth of nutrition, health and consumer classes coming up in June.

Leading health experts from area hospitals and universities will report on the most recently detected links between diet and cancer, heart disease, and osteoporosis.

To reduce the risks of breast and colon cancers, for example, dieticians will distribute sample menus showing participants how to limit the amount of fats in their diets to 30 percent. And nutritionists will show women approaching menopause how to protect themselves against calcium-related bone fractures.

All told, The University of Maryland Cooperative Extension Service, chief sponsor of the event, has scheduled a smorgasbord of 30 food-related classes.

Highlights include demonstrations on microwave cooking, fresh-seafood preparation, no-fuss breakfasts, decorative table settings, breadmaking, low-calorie snacks, and outdoor cooking.

And for cooks on a budget, home economists will share tips on cutting food costs—without compromising nutrition.

Free hand-outs and sample recipes will accompany all lectures. Both daytime and evening classes are offered.

College Days is scheduled for June 18-20 at The University of Maryland Baltimore County Campus in Catonsville. Registration fees are nominal.

For information and exact class times and location, call (301)454-5174.

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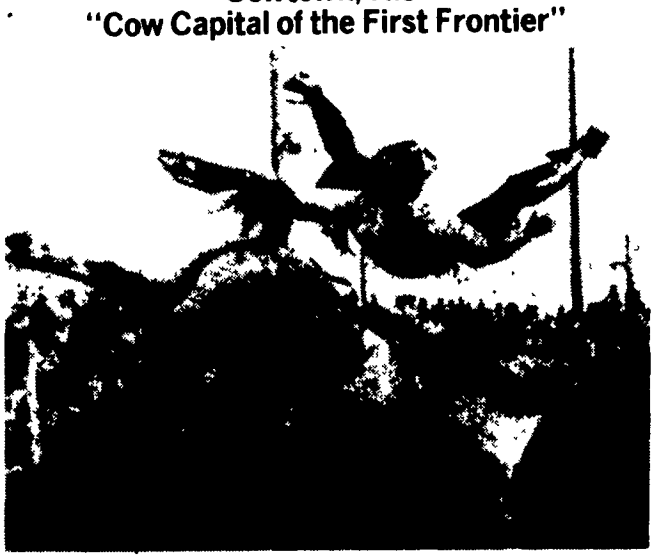

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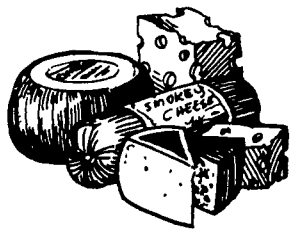
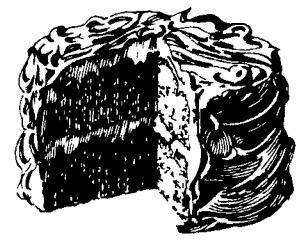


Home On The Range



Kick off Dairy Month with cheese!

Get ready to enjoy a full month of nutrition packed recipes that make the most of fresh dairy products. The recipes featured in Home on the Range this month call for lots of creamy sour cream, frosty milk, flavorful cheese and everyone's favorite — ice cream!

This week we focus our attention on cheese, one of the most versatile and favorite of all dairy products. We have cheese dips just begging for crackers, fruits and vegetables; a Super Cheese Hero perfect for lunch or a party and some make-your-own cheese recipes.

Many of the recipes appearing on this page come from faithful Lancaster Farming readers who have flipped through their cookbooks and recipe files for their favorite dairy recipes. We invite you to do the same and will reward your effort with a gift of appreciation.

CUP CHEESE

3 pounds cheese crumbs, dry
3 pints hot water
6 teaspoons baking soda
3 tablespoons salt

Work soda in cheese crumbs, let stand about 1 hour. Add hot water and salt then melt over low heat, stirring occasionally until smooth. Add more hot water if needed.

Lizzie S. Zook
Ephrata

SODA CHEESE

1 gallon sour milk
1 teaspoon salt
1 round teaspoon soda

Scald sour milk to 120-130°F. for 30 minutes; stir often. Pour in cheese cloth and drain for 8 to 12 hours or more if you desire a sharp flavor. Crumble really fine and add salt and soda. Let set overnight; set container in warm water or double boiler. Cook until melted; pour in dish to mold.

Emma Sue Martin
New Holland

GREEN BEAN CASSEROLE

2 cans green beans
1 can cream of mushroom soup
1 small can of spam
1 small onion
1 package grated cheese (white American or your choice)

Fry onion and spam lightly. Combine all ingredients, but cheese. Put in baking dish. Sprinkle cheese on top and bake until cheese is melted in 350°F. oven.

Pauline Moyer
Womelsdorf

VELVETY CHEESE CAKE

Crust:
1 cup crushed graham crackers
1/8 pound soft butter

Mix well and press into bottom of a 9-inch square baking pan.

Filling:
1 pound cream cheese, softened
3 eggs
¾ cup sugar
½ teaspoon vanilla
1 teaspoon lemon juice

Blend the above ingredients until smooth. Pour on crumb mixture and bake 20 minutes at 300°F. Cool.

Topping:
1 pint sour cream
½ cup sugar
1 teaspoon vanilla

Mix well and pour gently on top of cooled cheese mixture. Bake at 450°F. for five to seven minutes Cool and refrigerate 4 hours before cutting.

Arie King
Lititz

BLUE CHEESE BEEF DIP

1 3-ounce package smoked sliced beef
1 8-ounce package cream cheese, softened
2 tablespoons crumbled Blue cheese
1 tablespoon minced onion
1 tablespoon prepared horseradish, drained
2 tablespoons dairy sour cream

Shred beef in blender or chop finely. Mix cream cheese and Blue cheese. Add shredded beef, onion, horseradish and sour cream. Chill.

SUMMER COTTAGE DIP

1 cup creamed cottage cheese
1 small avocado, diced
1 teaspoon minced onion
2 hard cooked eggs, finely chopped
½ cup dairy sour cream
Salt to taste
Dash of pepper sauce
1 teaspoon fresh lemon juice

Drain cheese, if too moist, and beat with avocado until smooth and creamy. Add onion and eggs and blend. Fold in sour cream and seasonings; chill. Serve with crisp vegetable relishes or small, crisp crackers.

FRUIT DIP

1 cup cottage cheese
1 cup dairy sour cream
¼ cup finely chopped coconut
3 tablespoons honey
2 teaspoons grated orange peel
½ teaspoon vanilla extract

Beat cottage cheese in small mixer bowl on high speed of mixer until almost smooth, about 5 minutes. Stir in sour cream, coconut, honey, orange peel and vanilla. Chill, covered, 2 to 3 hours to allow flavors to blend. Serve with fresh fruits of the season.

Heroes may come and go in popularity, but one you'll remember is the Super Cheese Hero, made with Swiss and Cheddar cheese and other goodies. Served with a pitcher of icy milk, this sandwich makes a perfect dairy meal.

SUPER CHEESE HERO

1 cup dairy sour cream
½ cup prepared mustard
1 loaf French bread (24 to 30 inches)
Leaf lettuce
12 slices beef summer sausage
6 slices Swiss cheese
6 ounces Cheddar cheese, cut in 4 x ½-inch sticks
12 tomato wedges
2 large green peppers, cut in rings
2 medium red onions, cut in rings

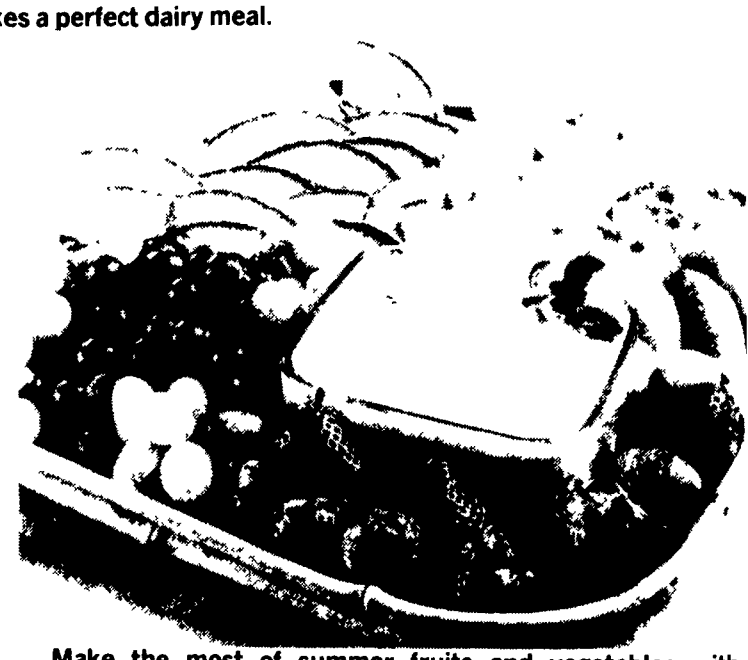
Combine sour cream and mustard to make a sauce. Slice bread in half horizontally. Spread cut sides with half of the sauce; reserve remaining half. Line bottom of bread with lettuce. Top with half of the sausage and then with the Swiss cheese slices. Roll up remaining sausage rolls on to top of Swiss cheese. Top with green pepper and onion rings. Spoon reserved sauce over all. Cover with lettuce and top half of bread.

CHEESY POTATO PANCAKES

4 medium-sized boiling potatoes, (about 1¼ pounds peeled, shredded and well drained)
1 cup shredded Cheddar cheese
2 tablespoons grated onion
3 eggs
¼ cup all-purpose flour
1 teaspoon salt
1/8 teaspoon pepper
2 cups applesauce
½ teaspoon cinnamon

Combine potatoes, cheese, onion, eggs, flour, salt and pepper; mix until well blended. Heat enough oil to just cover bottom of a large heavy skillet. (You may have to add more oil as you continue to fry pancakes.) Drop ¼ cup batter into hot oil to form each 4-inch pancake. Cook over medium-high heat until golden and crisp on both sides. Drain on paper toweling. Meanwhile, combine applesauce and cinnamon; heat until warm. Serve pancakes immediately with warm applesauce.

(Turn to Page B8)



Make the most of summer fruits and vegetables with creamy dips made with fresh dairy products.

Recipe Topics

During June Dairy Month Lancaster Farming is offering a gift to anyone who submits a recipe using dairy products. We welcome your recipes, but ask that you include accurate measurements, and complete ingredients and instructions. The recipe topics listed below offer some guidelines for your entries Send your recipes to Sue Keene, Lancaster Farming, P O Box 366, Lititz, PA 17543.

June	
8	Dairy Dinners
15	Dairy Drinks
22	Dairy Desserts
29	Puddings & Custards

Featured Recipe

This week's featured recipe comes from Pennsylvania Dairy Princess Lynette Loper. Although Lynette works to promote dairy products throughout the year, June Dairy Month offers her a special opportunity to shine.

Lynette's goal is to share her knowledge of the dairy industry with others and to promote milk. One way Lynette promotes milk is to share recipes that use dairy products. To learn more about Lynette and her reign as Pennsylvania Dairy Princess, turn to the story featuring her in this section.

Double Cheese Cauliflower

1 large head cauliflower
Salt
Butter
3 tablespoons flour
2 egg yolks, beaten
½ cup toasted bread crumbs
1½ cups milk
2 tablespoons Parmesan cheese
1 tablespoon lemon juice
Dash of pepper
½ cup grated American cheese

Boil cauliflower in salted water to cover for about 15 minutes or until tender. Melt 3 tablespoons butter in small saucepan; blend in flour. Add milk; cook until smooth and thickened, stirring constantly. Add Parmesan cheese, lemon juice, ½ teaspoon salt and pepper; blend well. Add small amount of sauce to egg yolks; stir back into saucepan. Divide cauliflower into flowerets; place in buttered 1½-quart casserole. Cover with sauce; sprinkle with crumbs and American cheese. Pour ½ cup melted butter over top. Bake at 350°F. for 30 minutes or until brown. Makes 6 servings.

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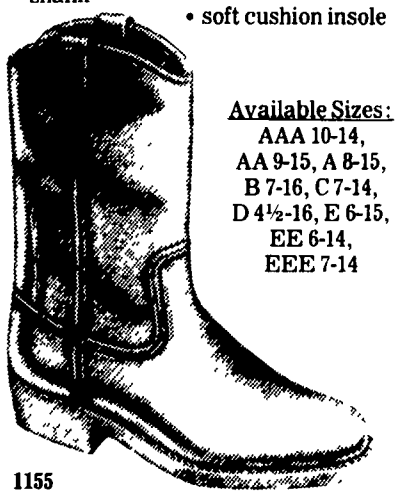

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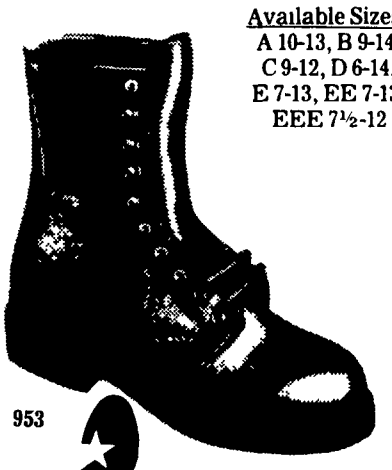

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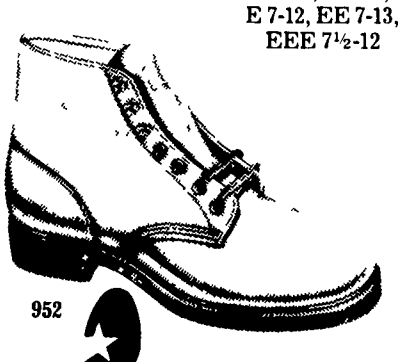

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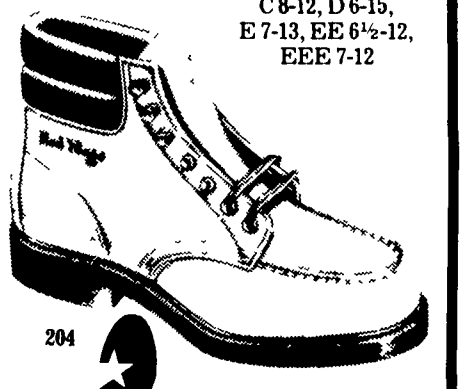
EEE 7-12



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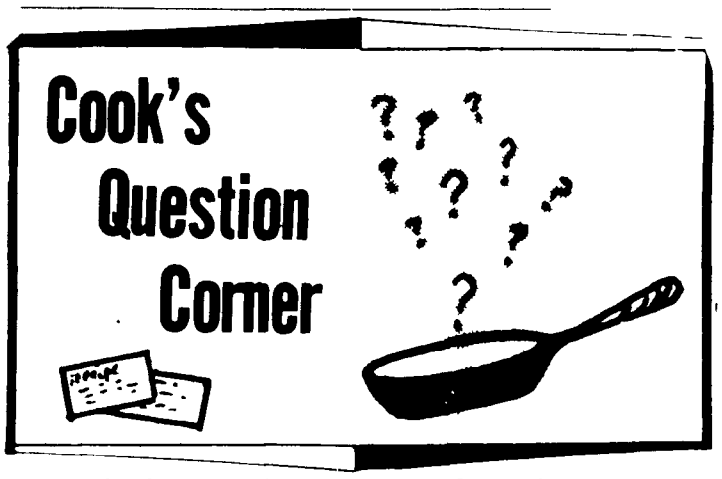

QUESTION - Mrs Bertha Hocker, Cogan Station, would like a recipe for asparagus soup

QUESTION - Edith Miller, Lincoln University, would like a recipe for smeary pie This Pennsylvania Dutch pie is made with cottage cheese as the main ingredient

QUESTION - Grace Ikeler, Bloomsburg, would like recipes for cooking cabbage with sweet and sour dressing and for hot dressing for potato salad The hot dressing is made with egg yolks and the egg whites are added later

QUESTION - Annie Kauffman, Honey Brook, would like a recipe to can pizza sauce that tastes like Mrs Wages pizza sauce

ANSWER - Mrs Paul Zeager, Danville, requested a recipe for tater tots Thanks go to Gertrude Haas, Lenhartsville, for sharing the following recipe

Tater Tots

3 medium potatoes (or 1 pound) peeled and cooked, drained and mashed
Add the following to potatoes
¼ cup grated Parmesan cheese
½ of a 3-ounce package of Philadelphia creme cheese
1 tablespoon butter
1 tablespoon chopped onion
Pepper and salt to taste

Mix well, if too dry, add about 2 tablespoons milk Shape into 8 balls Dip in one beaten egg and roll in 1½ cups coarsely crushed cornflakes Place in a greased baking sheet and bake at 400°F for 10 to 15 minutes

ANSWER - Grace Ikeler, Bloomsburg, requested a recipe for Lebanon sweet bag bologna Thanks go to Mrs Luke Wise, Lebanon, for sharing this recipe

Bologna

60 pounds ground lean beef
20 pounds ground pork (lean)
OR
80 pounds ground lean beef
3½ pounds salt
3 ounces pepper
1 ounce salpetre
10 pounds brown sugar

Mix all ingredients real good, then stuff into bags, making sure there are no air pockets or bologna will spoil Tie bags at top and hang up 3 days Then, smoke with liquid condensed smoke Smoke again in 2 weeks, let hang about 2 months before eating This is best to make in winter

Note I use unbleached muslin for bags made about 3 to 3½ inches thick by 18 or 20 inches long Do not drop or throw bags around before cured We use a sausage stuffer to put it in the bags This is a very old recipe and very delicious

Cheese

(Continued from Page B6)

SPINACH MUSHROOM LASAGNA

Filling:
1 cup chopped onion
1 clove garlic, minced
2 tablespoons olive or vegetable oil
2 tablespoons butter
3 cups fresh chopped spinach
3 cups thinly sliced mushrooms
4 teaspoons fresh lemon juice
⅓ cup freshly minced parsley
¼ teaspoon ground nutmeg or mace
¼ teaspoon sugar
Cayenne, salt, pepper to taste
Note: Can also add 2 cups cooked, crumbled bacon, sausage, diced ham or hard cooked eggs

In large stainless steel or enameled skillet, cook onion and garlic in the oil and butter over moderate heat for 5 minutes, stirring. Add mushrooms (and meat, if used) and cook 5 minutes, stirring. Add spinach and seasonings to sauteed mushroom mixture Simmer 5 minutes and check seasoning. Remove from heat.

Sauce:
1 cup vegetable broth (1 packet bouillon in 1 cup boiling water)
½ stick (¼ cup) butter
¼ cup flour
1 cup half and half
⅓ cup freshly grated Parmesan
⅓ cup freshly grated Romano
Salt and pepper to taste

In large saucepan, melt butter and add flour, stirring to make a roux Cook 3 minutes, stirring and add stock and half and half, stirring with whisk. Cook 5 minutes. Remove pan from heat and stir in Parmesan and Romano cheeses. Salt and pepper to taste.

Cheeses:
2 cups ricotta combined with 2 cups cottage cheese
3 cups mozzarella combined with 1 cup provolone
1 cup grated Parmesan combined with 1 cup grated Romano

To assemble arrange ¼ noodles in the bottom of a buttered, 13x9-inch baking dish. Spread with half spinach-mushroom filling and top with half of the ricotta/cottage cheese mixture. Add ⅓ remaining noodles and top them with ⅓ mozzarella mixture and sprinkle with half Parmesan/Romano mixture. Spoon half sauce over the dish. Layer the remaining noodles, the remaining spinach-mushroom mixture, the remaining ricotta mixture, half the remaining mozzarella mixture, the remaining Parmesan mixture and the remaining sauce in the same manner. Top with last of mozzarella mixture. Bake the lasagna in preheated 350°F oven for 45 minutes to 1 hour, or until golden Let cool 25 to 30 minutes Serves 8

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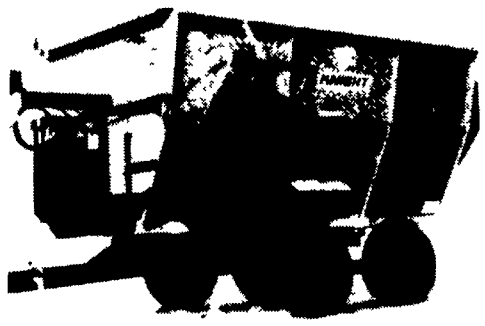
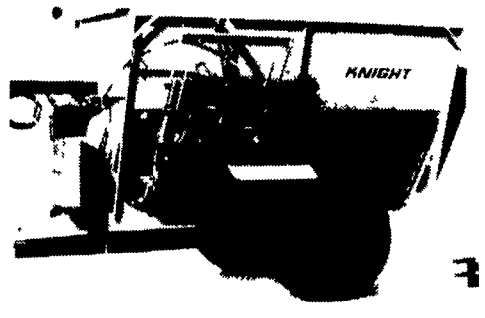
For full details on the model that's right for your operation contact your local Farm Equipment Dealer or Todd Farm Equipment.



BA-12 Big Auggie - Tandem axle 224 bu. unit has three 24" augers, heavy duty hopper and drive train. In Stock



LA-9-C Little Auggie - Single axle 136 bu. unit has three 20" augers, heavy duty hopper and drive train. In Stock.

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On being a farm wife - And other hazards

Joyce Bupp

Lick your plate clean. Grab your neighbor's dinner if she isn't chowing down fast enough. Think of nothing but eating, and bawl your head off if the food doesn't show up right on the dot.

Unforgiveable eating habits in humans. But tolerable - even encouraged - in the hungry, high-producing world of the modern dairy cow. Long ago I concluded that a cow's supreme goal and satisfaction from life lies in the gastronomic pleasures. Of course, what else would you expect from a beast equipped by nature with four stomachs?

Once, cows had to forage for a living, chomping grass in summer but making do with tough, dried stems and whatever else they could find during the long, cold season.

Today's pampered producers have it all carried to them, fresh, several times daily. It's the epitome of hand-to-mouth existence, with the human caretakers trained to do the back labor while Mrs. Cow simply maneuvers her muzzle, and rechews her cud while contemplating the intricate mysteries of life. Meanwhile, Mother Nature miraculously converts cow food into one nearly perfect for most humans.

Each cow in our stall barn has her own four feet or so of eating space, swept down daily to bare cereamic-tile cleanliness. In every twenty-four hours, she gets frequent refills of such gourmet treats as haylage, corn silage, high-moisture corn, roasted soybean meal, protein supplements, fresh dry hay, and diet balancing vitamins and minerals.

But is she content? You bet she's not.

For just beyond the pipes that separate her on both sides from her neighbors lies a veritable corn silage, high moisture corn, etc, etc corn silage, high moisture corn, etc, etc.

The same stuff you say? Certainly. But it's an acknowledged fact that food beyond the pipe always tastes better. (Known as the grass-is-greener syndrome.)

Given the size of a cow's head, plus several added inches for what seems like an elastic tongue, plus extra length obtained by crouching on the knees and wedging the head under and around the pipe, render each cow another three feet or so of feeding space on each side. That's to be fought over with the neighbor, naturally.

"If you eat someone else's food first, you still have your own to nibble latter," philosophizes the farmer, on a theory based on solid observation of two decades plus.

Because eating is so important, we use it as a persuader for cows to return to their stalls after daily exercise in the pasture is over.

But recently, as the haylage units were empty just prior to loads of fresh ready to go in, and corn silage on a sort of ration basis, we substituted dry hay one afternoon for putting the cows into the barn.

What that innocent decision wreaked was madhouse. For awhile there I feared that we might have harvested in the hay some of that illegal greenery that farmers are more and more frequently finding planted by anonymous gardeners in isolated corners of distant fields.

Even the most calm and steady members of the herd took to jumping in a stall, grabbing a bite of hay, furiously munching on the run, dashing into another stall, grabbing another bite, and heading back down through the barn with wisps of green wriggling from the corners of their muzzles while they busily chewed.

What normally takes maybe ten minutes turned into what seemed like a marathon, with patience wearing as ragged as the remnants of hay left in some of the stalls while the havoc was underway.

Eventually, even such individuals as Hardheaded Hazel and Wicked Wanda were located in their proper parking places, and noisily crunching what remained of the hay buffet.

Next time I spy dry hay in the feed trough when it's time to put cows in, I plan to roll over on the ground, belly-up, and play dead until the hay crazies pass.

York Co. 4-H Council

The York County 4-H Council met on May 1, at the 4-H Center.

Money made from painting Easter Eggs will go toward the new popcorn popper at the 4-H Center.

Lebanon County 4-H Clubs are sponsoring a dance on May 25 at the Lebanon County Fairgrounds. Call Johanna Geiger at the 4-H Office if you want to attend.

The next meeting will be held on June 5. The new Dairy Princess will give a presentation, and members will devour a Super Sundae. Every person should bring a topping.

WHITE WATER DAYS

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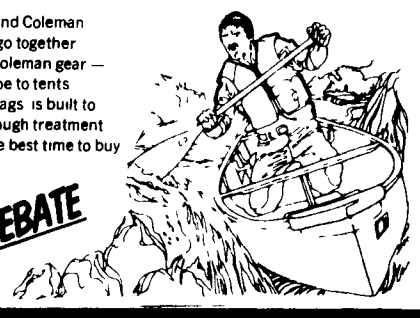

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Kid's Korner

Take this calcium quiz during Dairy Month

TRUE AND FALSE:

1. By drinking three glasses of milk a day and eating a variety of foods from the flour food groups, children get all the calcium they need.

2. You can receive all your calcium requirements through calcium supplements.

3. The Recommended Dietary Allowance for calcium is 800 mg/day for an adult. That's about two glasses of milk (accounting for about 600 mg calcium), and the remaining 200 mg of calcium can be consumed from a variety of foods from the four food groups.

4. Iron is the most abundant mineral in the human body.

5. When a woman becomes pregnant her body manufactures enough calcium for her needs.

6. When we consistently, over decades, fail to get enough calcium in our diet, our body takes what it needs from our bones without replacing it. This increases the risk of fractures as we age.

7. Milk and other dairy products are some of the best sources of calcium.

8. Ninety-nine percent of the body's calcium is found in the bones and teeth.

9. Less than 33 percent of women between the ages of 18 and 74 consume the recommended amount of calcium in their diets.

10. You can stay on a weight-reducing diet without limiting your calcium intake by using lowfat dairy products such as skim milk, lowfat yogurt and lowfat cheese.

11. Regular physical exercise plays no part in maintaining a strong skeleton.

12. Women have higher calcium intakes and are therefore less likely to experience osteoporosis than men.

13. Between the ages of 30 and 40, loss of existing bone begins to exceed formation of new bone.

14. Once the body has been deprived of adequate calcium over a period of time, the bones will always be brittle and will easily fracture.

15. Our calcium requirements remain the same throughout our lives.

ANSWERS:

1. True...children need calcium to help develop strong bones and teeth. But adults also require calcium to keep their bones strong and to prevent them from breaking.

2. True...however, nutrition and medical experts recommend getting calcium from the diet if at all possible. The vitamin D and lactose present in dairy products enhance utilization of the mineral. One should consult one's doctor before taking any supplements.

3. True.

4. False...calcium is! It accounts for about two percent of an adult's body weight.

5. False...a pregnant woman should be consuming 1,200 mg/day of calcium to provide the growing fetus with essential nutrients, and to keep her body healthy and strong. If calcium intake is inadequate, calcium will be taken from the mother's bones to feed the fetus.

6. True...this condition of brittle bones is called osteoporosis, and affects mostly white, middle-aged women and the elderly.

7. True...although calcium is also found in varying amounts in other foods such as broccoli, kale and collards, the calcium in these foods may not be as easily absorbed as the calcium in dairy products.

8. True.

9. True...many women follow weight-reducing diets which often unnecessarily supply inadequate calcium. However, men experience bone loss also. In fact, 25 to 50 percent of men between the ages of 18 and 34 consume less than the adequate amount of calcium.

10. True.

11. False...weight-bearing exercise, like brisk walking and running slow the rate of bone loss. Exercise helps in building and maintaining a strong skeleton for all ages.

12. False...throughout their lives, women have lower calcium intakes than men. In fact, because women experience menopause, and have lower calcium intakes, osteoporosis is eight times more common in women than in men.

13. True.

14. False...although an inadequate calcium intake does damage bones by making them weaker and more vulnerable to fracture, the condition is somewhat reversible. By eating plenty of calcium-rich dairy foods the body may replace some of that lost calcium in the bones, making them stronger.

15. False...The teenage years, pregnancy and lactation and menopause are all times we need to increase our calcium intake above 800 mg/day to handle our body's increased requirements.

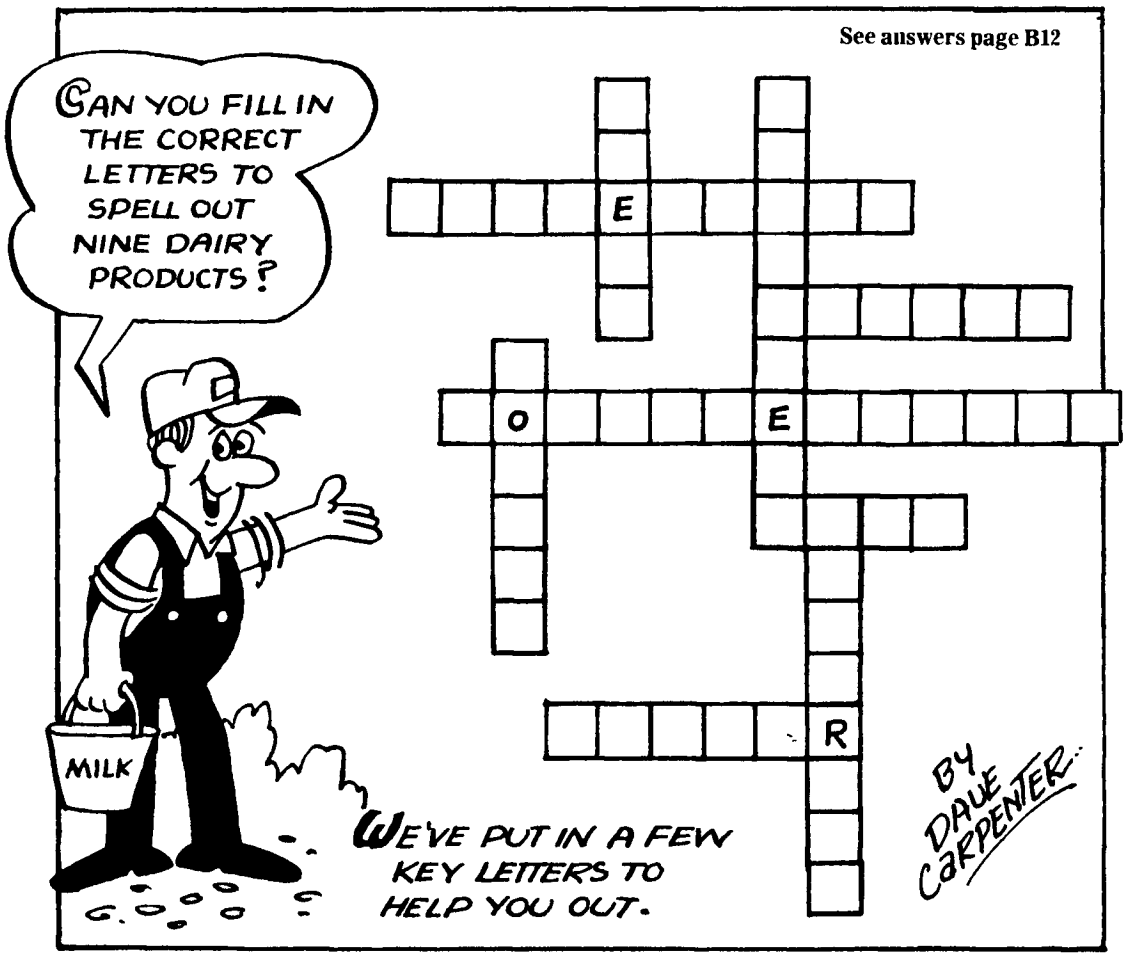
***

Add some novelty and fun to a fruit plate. Serve scoops of cottage cheese in a banana split dish with bananas and healthy toppings such as raisins, nuts and berries.

***

Sour cream will hold its peak flavor for several days after purchase and may be kept for up to four weeks if covered and refrigerated at 40°F. To avoid separation, do not freeze.

See answers page B12


CAN YOU FILL IN THE CORRECT LETTERS TO SPELL OUT NINE DAIRY PRODUCTS?
MILK
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O
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R
WE'VE PUT IN A FEW KEY LETTERS TO HELP YOU OUT.
BY DAVE CARPENTER

COLOR THIS!

1.	BLACK	6.	RED ORANGE
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	PEACH
5.	BROWN	10.	LT. GREEN

WOOD LILY- A FAMILIAR LEGEND GIVES THE LILY A PROMINENT PLACE IN THE PASSION OF CHRIST. BEFORE THE CRUCIFIXION, THE LEGEND GOES, ALL LILIES WERE WHITE. BUT CHRIST LOOKED UPON A LILY IN THE GARDEN OF GETHSEMANE. THE FLOWER WAS SO OVERCOME WITH SHAME AT HER UNWORTHINESS THAT SHE BLUSHED RED.

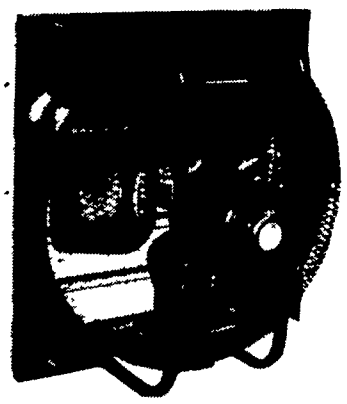
June is dairy month

We Salute You, Dairymen, For A Job Well Done

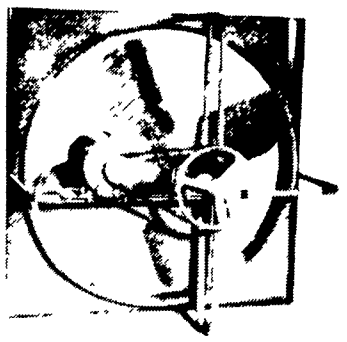
LEISS MANUFACTURING

VENTILATION EQUIPMENT For The Farm

Wall and Ceiling Mount



12 to 24 inch
Direct Drive



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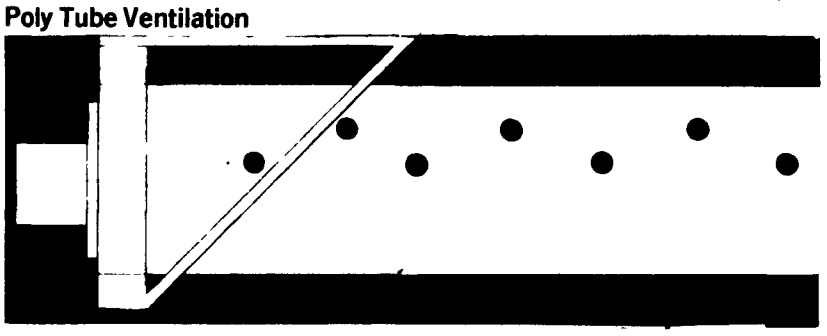
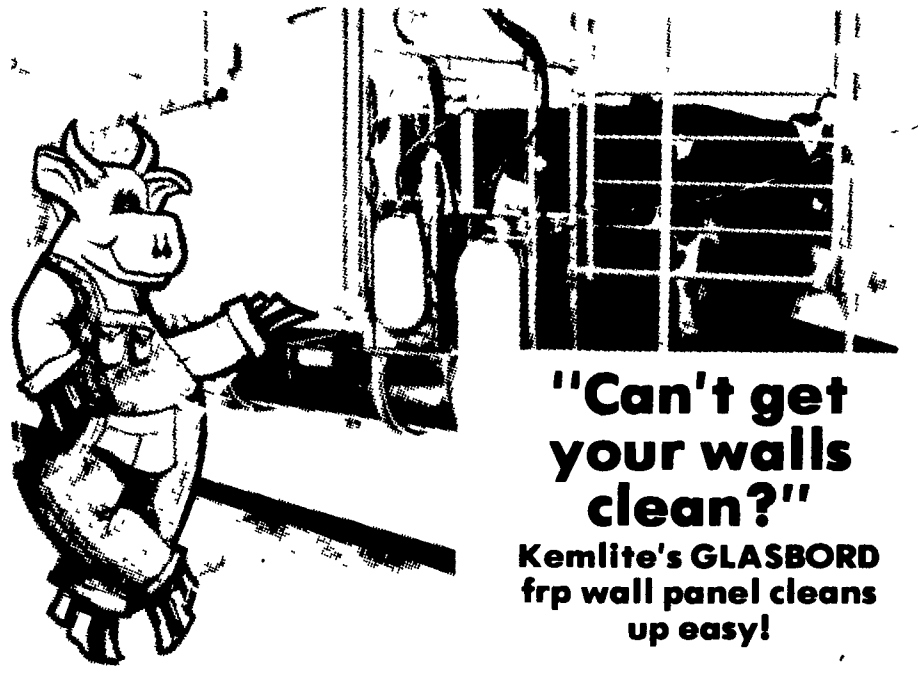


Ventilation For Dairy - Hogs & Chickens



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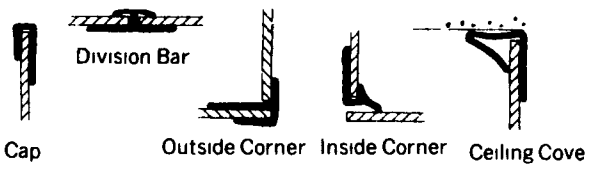

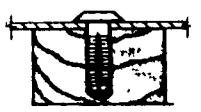

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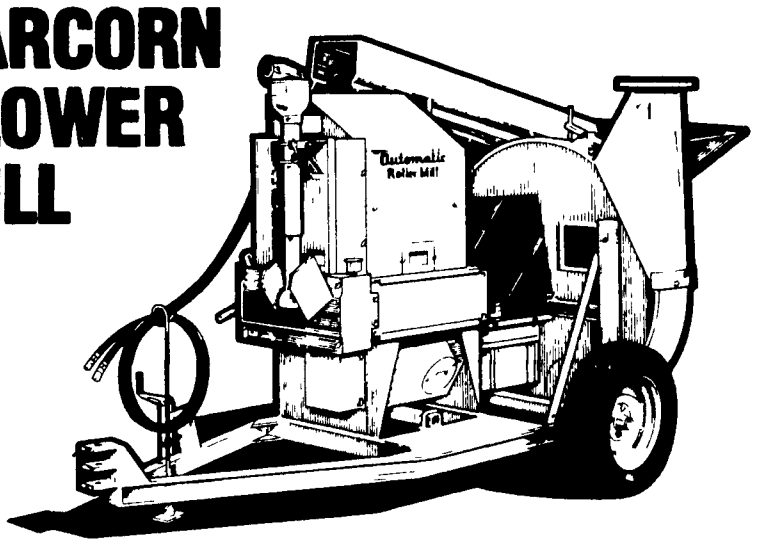
the one that keeps rolling when others quit!

Automatic EARCORN BLOWER MILL



Automatic pioneered the development of the unique crusher unit which shells corn and shreds the cob ahead of the rollers which crack the kernels and reduce the cob further. No troublesome screens to change or slow down the capacity. It comes with 8-foot hydraulic intake auger and 54-inch blower. Also available with an 11-inch tilting discharge auger with 10-foot reach in place of the blower.

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Got A Taste For Barbecue: What You Need

Barbecuing, whether on a picnic or simply in your backyard, makes food taste great. The family cookout has become a popular American tradition. But two things can spoil an outing: getting sick and getting hurt. You can avoid both with some know-how about food and fun outdoors.

The grill itself should be sturdy and stable, especially if it stands on legs. Very lightweight grills can become top-heavy in use and topple over. A hood or windshield is a great help in controlling irritating smoke and minimizing dangerous wind-driven sparks.

Whatever type of grill you have, placed it so that sparks and smoke won't fly toward buildings, furniture or people. Don't barbecue in a confined space. Set up the grill in an open area away from buildings and shrubbery, and out of the traffic pattern so it won't be bumped or tipped over by children or pets.

Prevent burns and protect your clothing with an apron and potholder-type gloves. You'll also want a long-handled set of barbeque tools: knife, fork, tongs, turner, spoon, pastry brush, skewers, fire rake, and even long-handled salt and pepper shakers.

Fiberglass Tub And Shower Care

Fiberglass bathtubs and showers bring advantages and disadvantages to home care. On the porus side, fiberglass is practically unaffected by chemicals and it is resistant to mildew. Unfortunately, fiberglass generally requires more maintenance than the glazed porcelain or ceramic tile units. Fiberglass is softer and more porus than porcelain and therefore it is more easily damaged or scratched.

The key to success in keeping fiberglass tubs and showers clean is frequent cleaning (weekly). Avoid damage with harsh abrasive cleansers or scouring pads as these will roughen the surface and give dirt and place to cling in the tiny scratches. Not even soft scrub cleaners are recommended for fiberglass. Because damaged surfaces collect the dirt fast and the dirt is difficult to remove easily, you will have some difficulty using anything with complete success.

The fiberglass tub or shower can be cleaned with dishwashing liquid and water or with a disinfectant spray or foam cleaner, rinsed and dried. Keep it maintained and do not let the soap scum build up until it is a major problem. Use of a 10- and 12-inch squeegee to keep the walls clean and dry after bathing will help keep the fixture free of soap scum and hard water buildup.

If a stubborn ring appears, try using a paste made from automatic dishwashing detergent or a non-precipitating water softener as a cleaning agent. Leave the paste mixture on the spots for a longer period of time. Rinse and dry.

Use of a disinfectant cleaner should eliminate the soap scum problem with regular cleaning. A white nylon scrub brush or sponge can be used without scratching. For heavy soap scum, a mild organic acid cleaner can be used if it is rinsed off quickly. A vinegar solution (four parts water to one part vinegar) can be used. Rinse with clear water and buff dry with a soft cloth.

In hard water areas, a mineral deposit may build up. There are products available that are specifically designed to remove such deposits. Package instructions should be read and followed carefully.

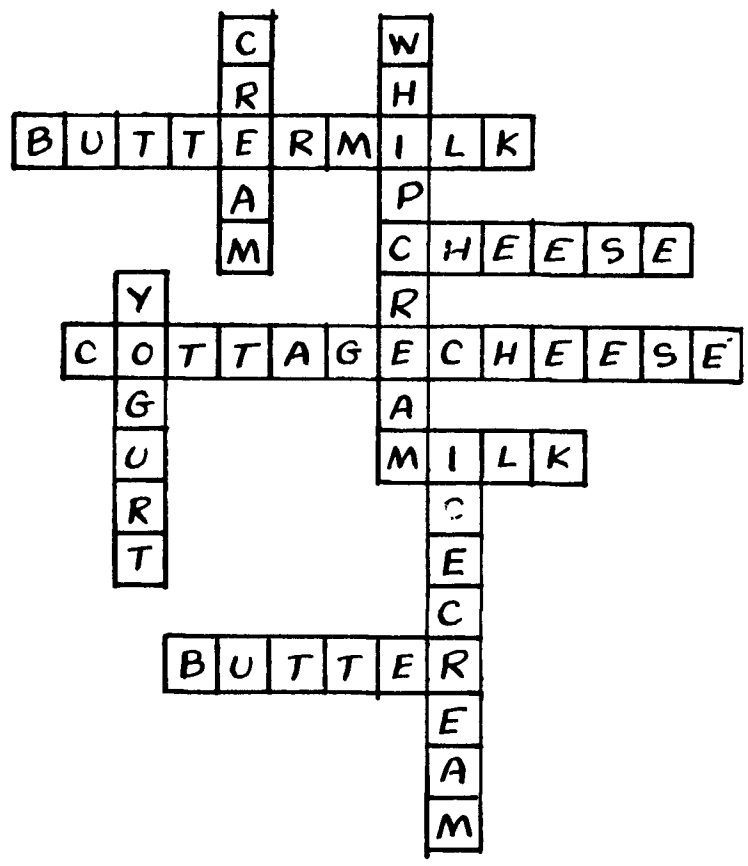
If the soap scum problem continues in spite of regular cleaning with a disinfectant cleaner, waxing a cleaned fixture will aid future cleanings. Waxing the sides with a cream appliance wax or paste wax will help to repel hard water buildup. Remember to only wax the sides as waxing the bottom will create a safety hazard.

If the fiberglass unit has been excessively scoured and scratched, an auto rubbing compound will polish it (but not like new). Apply an automotive white polishing compound with a clean cloth to any scratched or dulled areas. Then buff the surfaces with a light application of an automotive white cream wax using a clean cloth. This treatment may need to be done about twice a year in order to maintain an attractive finish which will be easy to clean.

Little Lions FFA

The Little Lions FFA chapter recently elected officers. The new officers are president, Joyce Harpster; vice president, Jeff Martin; secretary, Stefanie Brown; tresurer, Shawn Kauffman; reporter, Emily Peters; chaplin, Tammy McTavish; parliamentarian, Bobby Rider; and sentinel, Randy Dreibelbis.

Answers



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18'	6,041	$ 2,689	.44
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24'	5,136		.37
24'	10,925		.35
27'	6		.36
27'		,868	.34
30'		3,329	.31
3		$ 5,683	.32
36'	8	$ 4,619	.29
36'	25,429	$ 7,613	.29
42'	21,884	$ 5,591	.25
42'	30,743	$ 7,818	.25
48'	29,330	$ 7,416	.25
48'	35,116	$ 8,572	.24
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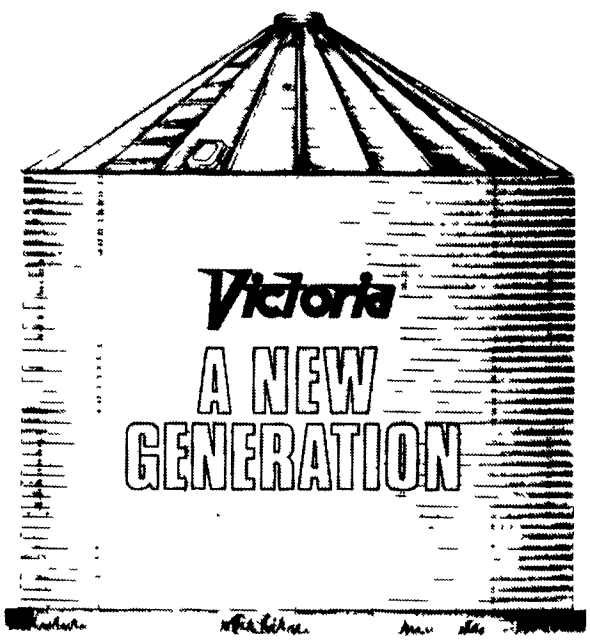

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THE MICRO WAY

LANI BLOOMER

Microwave cooking is easy, once you understand the basic differences between microwave and conventional cooking. One of the most important "basic" microwave techniques is that foods cooked in a microwave require a period of standing time for the food to finish cooking.

Standing time means letting the food rest for some time, after microwaving, before it is cut up or served. Many beginning microwave cooks have trouble with standing time because they don't understand what happens to their food during this time.

Standing time is needed because microwaves cook food from the outside in to the center. (This is contrary to a popular myth that food cooks from the inside out.) The outside edges of the food cook first and very rapidly. Standing time allows the middle of the food to "catch up" with the edges.

While the food stands, heat from the edges of the food moves into the middle to finish cooking the center. In large dense foods, like roasts or turkeys, the microwaves cannot reach the center. The center of a roast cooks by conduction, or the heat moving in from the edges, just as in your range oven.

The amount of standing time a food needs depends on its size. The larger and denser the food pieces, the longer it takes the heat to reach the center. Some average standing times for common foods are shown in the accompanying chart.

Standing time is most important when you cook food on high power, because the edges are cooked so quickly. But even at the lower power levels, standing time lets the temperatures even out in the food, and gives flavors time to develop more fully.

The most important thing to understand about standing time is that food continues to cook during standing time. For this reason some cookbooks call standing time "carry-over cooking." If you cook food in the microwave until it is "done" by conventional cooking standards, the food will be overcooked by the time you sit down to eat it! (This is why those biscuits you microwaved tasted delicious when you sampled one when they first came out, but were rocks when you served them at the table a few minutes later!)

You need to revise your doneness tests for microwaved foods to allow for this extra countertop cooking. For instance, baked potatoes should still be a little firm after microwaving. They will get thoroughly soft after the standing time.

Have you ever eaten potatoes without letting them stand? I bet they had soft spots, and hard, less cooked spots in them. They didn't need more cooking, just 5-10 minutes of standing time!

A cake baked in the microwave is "done" when it still has damp, shiny spots on top. These will finish cooking and dry up during standing time. You wouldn't take a cake out of your range if it was still damp and shiny on top. If you microwave a cake until it is thoroughly dry on top, it will probably be dried out (overcooked) along the edges and corners.

You should check your food to see if it is done after the standing time. This is particularly important with roasts. The temperature inside a roast will increase one or two degrees each minute for up to fifteen minutes, as the center continues to cook.

If you like well done meat, it will be hard for you to let a roast stand when there is red juice coming out of it. You will probably want to microwave it more right away. Don't do it! Let it stand, because the red juice is coming from the center where the microwaves may not reach. The center will finish cooking during the standing time. If your food is not done when you check it after cooking time, you can cook it longer then.

During standing time your food can remain in the microwave if it's turned off. Or, if you need the microwave to cook additional food, the cooked food can stand on your counter. Cover it with a lid, foil or towel to keep warm. Wrapping baked potatoes in a terry towel is the best way to keep them hot while they stand five minutes. The towel lets steam escape, so the potatoes don't get soggy, like they do in foil.

Many people get "nervous" about letting cooked food sit around on the counter. Just remember, during standing time the food is still cooking, and won't cool down if it's covered. If the food sits around longer than the standing time, it will start to cool down then. It can be reheated briefly, if necessary, before serving.

When you have several foods to microwave for a meal, cook food with the longest cooking and standing time first. Cook the food that cools down fastest, or has the shortest standing time last. This way, all the food is hot and ready to serve at the same time, even though it came out of the microwave at different times.

For instance, to microwave scrambled eggs and bacon for breakfast, cook the eggs first. Then let them stand while you cook the bacon. Both will be hot enough to serve when the bacon is done. If you cook the bacon first, as you would on the range, it would be cold by the time the eggs were cooked.

Standing time is the biggest difference between conventional and microwave cooking. Since beginning microwave cooks are not aware of the extent to which their food and will cook after being removed from the oven, many overcook their food. Overcooked foods are dry, hard, rubbery, or have hard spots on them. Food cooked properly in a microwave is soft, juicy and moist.

If you are getting dry or hard food from your microwave, it has been overcooked. Cook it less and let it stand!

FOOD TYPES	STANDING TIME
Scrambled eggs, muffins, hamburgers, fish fillets	1-2 minutes
Vegetables, baked potatoes, chicken pieces, bar cookies	5 minutes
Casseroles, smaller roasts, whole chickens, cakes, pies	10 minutes
Turkeys, big roasts, hams	15 minutes

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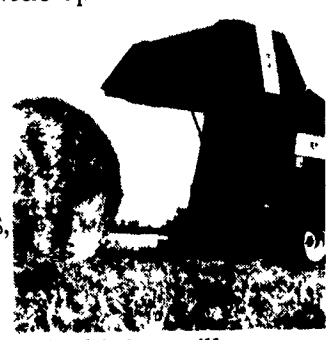

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Cedar Crest FFA conducts food program

LEBANON — Cedar Crest FFA members Brian Boyer, Becky Smith, Jenny Embich, Brian Fulk, Lisa Houser, Ann Lansberry, Tonya Johnson, Chris Hartlieb, Nathan Arnold and Jon Boyer, conducted this year's Food For America Program.

The program was presented to the third grade elementary schools of the Cornwall-Lebanon School District. The purpose of the program was to teach the students where the food they eat comes from. The FFA members used live farm animals, a large model cheeseburger, and coloring books to help the students learn. Animals included a dairy cow and calf, a pig, a sheep, a rabbit, steer and a pony.

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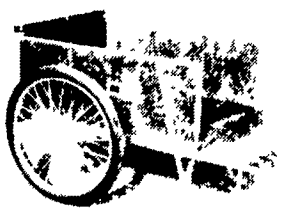

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Dairy promotion is Pa. Dairy Princess Lynette Loper's "special mission"

LANCASTER – Let's see. An afternoon of TV tapings and interviews on Monday. Then there's the special presentation with Philadelphia 76er's Bobby Jones next month. And, oh yes, who could forget about lunch with actor Vincent Price at Sardis in New York on Tuesday?

The monthly agenda of a young, aspiring actress or model? Not exactly, but how about the appointment schedule of a young woman with high aspirations for a special assignment?

The above list is just a sampling of the many engagements attended by 18-year-old Lynette Loper of Erie County. Her special assignment--to promote milk across the state as the Pennsylvania Dairy Princess.

Lynette's special assignment began last September when she was crowned the state princess over 39 contestants. Ever since she was old enough to know what farming was about, she had dreamed of becoming a dairy princess. But the state dairy princess?

"I was the most surprised person there," Lynette said of her crowning. She had gone to the pageant with plans to have a good time and to give the title her best shot--and it worked.

Self-confident and mature beyond her years, Lynette contributes "my being myself and pleasant to the judges" in helping her capture the state crown and banner. Plus, she said, "I always try to do my best."

Intelligence and knowledge of the dairy industry also played a key role in winning the state title. Lynette listed these two attributes in answering the question, "What is your most valuable asset?" which was asked by the judges.

A daughter of William and Bonnie Loper, Waterford, Lynette's knowledge of the industry was fostered by active participation on the family's 376-acre dairy farm. She has helped in feeding young stock, baling hay and managing the family's cabbage enterprise.

By working with her family, Lynette has developed a deep appreciation and strong belief in the dairy industry. This is the message she wants to convey to her audiences.

"I knew how hard my father worked on the farm," she said, "and I know how important our dairy products are."

With these strong beliefs, Lynette is ready to take her message throughout Pennsylvania. She begins by carefully preparing material to suit the age group. A different topic is prepared for each audience, whether grade school children, teen-agers or adults.

For example, when talking to grade school students, Lynette dresses up as "Professor Garfield" and lectures on how "milk gets from the farm to you." To teen-agers and young adults, she urges, "don't be embarrassed to drink milk." Adult audiences are told about milk's benefits and current health issues concerning dairy products.

Through her travels and meetings with consumers, Lynette has shared her knowledge on osteoporosis, the "brittle bone" disease. "About 99 percent of the questions I'm asked are about osteoporosis," she said.

To answer such questions in her role a ambassador for the dairy industry, the high school senior said it is important to be knowledgeable, have good speaking abilities and to "always be ready to speak up for milk and dairy farming."

"Dairy farmers are very important," Lynette said. "People need to understand this and ask the question, 'Where would we be without farmers and no milk?'"

A sparkle of enthusiasm in her eyes, Lynette said, "I love to tell people how I feel about the dairy industry. It's an important part of Pennsylvania."

And an important part of the Pennsylvania dairy scene, she said is milk and dairy promotion, which has recently experienced a great turnaround.

"We (dairy farmers) are getting our advertising dollars up," she said, referring to the mandatory national dairy promotion program. "We're trying to let others know about the dairy industry."

Self promotion is essential to the dairy industry, Lynette said. "Farmers must promote their own products. They must witness for their own products and can do so by ordering milk and other dairy foods in restaurants."

Lynette believes that one person can make a difference where dairy promotion is concerned. A greater advantage is possible, she said, if farmers join together in a unified effort to promote milk.

To make a difference is what Lynette hopes to do as the Pennsylvania Dairy Princess. "I am willing to witness for the dairy industry," she said. "I have a lot of confidence in the industry I love."

In her highly-regarded role, Lynette speaks out on the goodness of milk and dairy products and the role they play in maintaining good health. With plans to pursue a career in nursing, Lynette is health conscious and says, "If I could prevent anything harmful from happening, I would."

It is with this sincere attitude, love for her industry and the best interest of others at heart that Lynette carries her message throughout Pennsylvania.

During opening presentations at this year's Farm Show, Lynette asked Gov. Thornburgh to drink a toast to the state's dairy industry. In her role as dairy princess, Lynette is often in the public eye, bringing milk to the attention of consumers.

One of the benefits of being a dairy princess is getting gifts. Lynette received a beautiful engraved pitcher at the annual Pa. Dairymen's Association banquet in January.

Pennsylvania Dairy Princess Lynette Loper accepts her role in promoting milk and dairy products with enthusiasum. Lynette works closely with program director Jan Harding, left.

Lynette came to the state dairy princess pageant representing Erie County and left with the job of promoting the dairy industry across the entire state. Here Lynette is the center of attention shortly after receiving her crown.

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'Mom, where does food come from?'

Montour County farmers Herb and Margaret Zeager provide young city folks with some 'food for thought'

BY MARGIE FUSCO
Staff Correspondent

LIMESTONEVILLE — When the boys and girls from Watsontown Elementary School scramble off the bus, their remarks are familiar. "Pe-yew. It stinks." On this humid morning, with air so thick it sticks to skin and clothes, the scent of farming is more cloying than clean.

Melissa, who just turned six, is unusually quiet this morning. Like most of the children in her kindergarten class, she lives in town. For many of them, this will be the first visit to a farm.

Six years ago Herb and Margaret Zeager began tours at Shady Hill Farm, near Limestoneville, Montour County. "It started out as a request from one class," Margaret recalls. And it grew. This week alone, five groups have come to visit.

It's been a hectic morning for the Zeagers. Until the first group of children, a preschool, arrived the Zeagers were in the fields trying to get the last of their snap beans planted before the rain. A shipment of 11,000 chicks, due at 7:30 this morning, was delayed when the driver got a flat tire. The chicks and the preschoolers arrive together at 9 a.m. The children are delighted, even if the Zeagers aren't.

When the Watsontown Elementary students arrive, Herb begins his presentation, showing a chart of ten things the children will see on their visit. As he points to a picture of a pig, the children again offer "Pe-yew" remarks. Margaret laughs softly behind them. It's a secret laugh. She knows the magic that's coming.

The children inspect a pair of white rabbits, then race to the paddock fence to see Daisy, the horse, and the ewe that is her pasture mate. The childish touches are tentative. Even the boldest hands, George's and Chad's, hesitate a second before they stroke Daisy's velvet muzzle. Jennifer, a shy child, can't bring herself to touch the horse. But she comes away from the fence smiling, delighted just by the sight.

The animals know they're the center of attention. Daisy departs with her tail flying and prances once around the paddock like a Kentucky Derby contender. The children break into applause.

Lassie, the farm dog, prowls the crowd jealously, pawing likely candidates to beg a handshake. She tries to draw attention with a bark and a cat chase, but finds little interest. Finally she catches the eye of three-year-old Sabrina, who hugs Lassie, despite arms too tiny to reach around the dog's huge white ruff. Lassie becomes Sabrina's companion for the rest of the visit.

The children are moving single file into the barn. Five thousand chicks are ready to be admired. The room is warm and comfortable, filled with the clean smell of sawdust and new life. It feels good against the gathering cold and portending clouds outside. "It's a good day for starting chicks," Herb tells the children. Now there are plenty of questions. What's that light for? Why are they drinking Kool-Aid? Are they eating sawdust?

George and Chad reach tentatively to pet Daisy.

An unlucky beetle, hoping to escape the rain, has flown into the pen. One chick pecks boldly at its back. A second follows. Soon there are a dozen, in a hail of cheeps and chirps, doing battle with the thick black carapace. The comedy goes unnoticed by the children, hanging on Herb's answers. Finally a little girl has to ask, "What do they feel like?"

Herb hesitates only a moment before he decides to let 120 children touch his new chicks. "We're big on promoting the farm image," Margaret has said. "We like to do public relations." Indeed the Zeagers are committed to education. Herb is president of the Warrior Run School Board and serves on the regional Agriculture in Education Task Force. It was a discussion on how to educate the public about farming that made him invite a reporter to experience a farm visit. "That's how it starts," Herb said. And now he's making good on his commitment.

Herb and Margaret circle the pen, picking up chicks and placing them in eager hands. There's no fear now, only happy curiosity. "I like them," Melissa finally says. Her eyes are glowing in the dim light. "They're cute."

The hayloft is the next stop. Herb explains the feed, including silage, which he describes as "tossed salad for cows." The children step up to examine the feed. Set apart from the others by his vision and coordination problems, Todd finds a special experience here. The other children pass by the feed with slight interest. But Todd lives in. His fingers come alive in the shell corn and soybeans. His nose delights in the hay and silage. He beams, his senses alive. At the next stop, the steer pen, he invites a heifer over to feel her sticky nose.

The other children are concerned with their own noses, holding them as they prepare to enter the hog house. The rain is about to break, and the smell of hog manure has become overpowering. One teacher drops back, excusing herself in a whisper and saying she's getting sick. The children persevere, entering the building.

But the inside is a surprise. The smell is gone, carried away by good cross ventilation, aided by the deluge coming down at last. The hogs press forward, reaching with curious snouts, as if they were the observers and not the observed. The animals are pink, brown, spotted, and most of all clean as they compete for a place under the shower spray.

"Hey, that wasn't so bad," one boy says as the group leaves the building.

"Naw. It didn't even smell," another agrees.

"I liked it," a girl chimes in.

The children climb into my hay wagons for a final trip that will end at their school bus. As they settle down, Melissa suddenly stands up and announces loudly, "My Pappy raises pigs. He has rabbits, three little ones, too."

She's found out something important, something of value in her own family. And she's proud of it.

Johnny and Anna hold the new chicks.

Watsontown Elementary students examine feed in the hayloft.

Calcium helps control blood pressure

NEWARK, Del. — There has been considerable publicity about the relationship between low intake of calcium-rich foods and the bone-thinning condition called osteoporosis. But researchers also have evidence that calcium can affect blood pressure.

Adding calcium to the diet has been found to reduce blood pressure in people with high or normal blood pressure, Dr. Sue Snider says. It has a greater effect on hypertensive individuals than on those with normal blood pressure.

In a pilot study, scientists observed that 46 hypertensive persons consumed 20 to 25 percent less calcium than 44 individuals with normal blood pressure. Except for calcium, the diets of the two groups were the same. Similar results have been noted in other studies comparing calcium intake and blood pressure, Snider says.

For example, in a study of pregnant women ranging in age from 20 to 35, adding calcium to the diet reduced blood pressure. During the last three months of pregnancy, those who had consumed more calcium had lower blood pressure.

Much remains to be learned about the relationship between calcium and blood pressure, Snider says. But research continues to reinforce the recommendation that adults should have the equivalent of two to three cups of milk daily.

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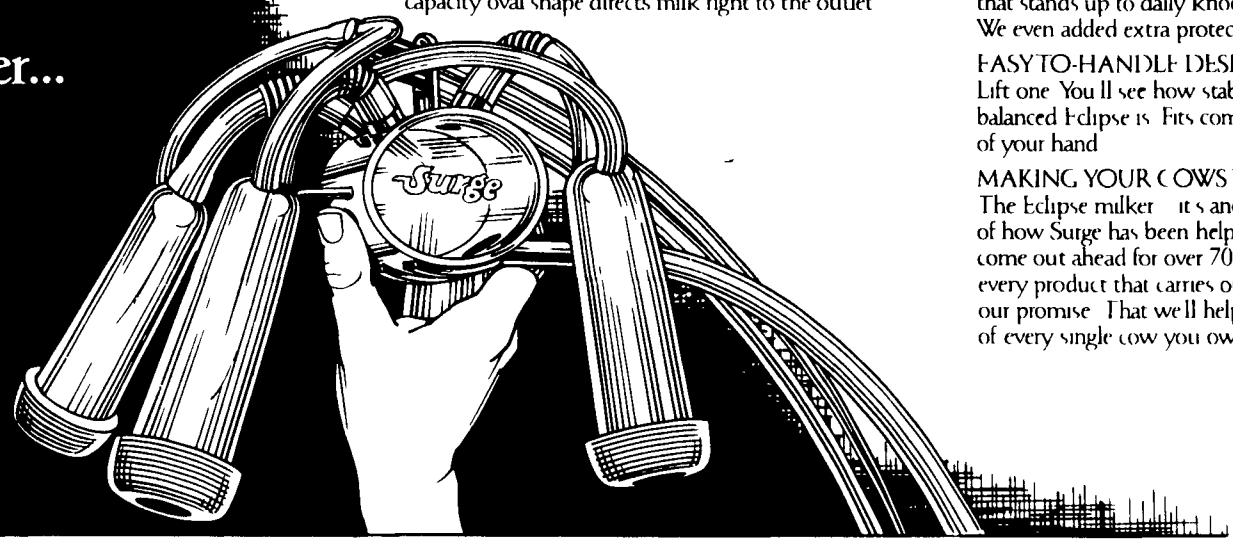

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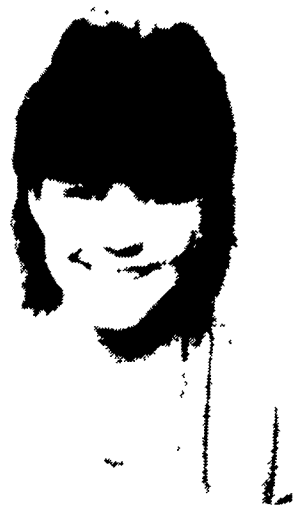
Eight to compete for Lancaster dairy princess title

Jodi Lynn Bixler



Elizabeth J. Brinton

Jeannie Ginder

Cynthia Lynn Gordon

Julie Long

Janae Marie Martin

Delinda Tindall

Lucinda C. Trimble

BY SALLY BAIR
Staff Correspondent

LANCASTER – Eight Lancaster County young women will participate in the 1985 Lancaster County Dairy Princess to be held June 15 at the Farm and Home Center.

The evening will begin with a reception at 7 p.m. on the patio, followed by the pageant at 7:30 p.m. Following the contest, there will be a free ice cream social.

Contestants are:

Jodi Lynn Bixler, 17, daughter of Mr. and Mrs. Jay L. Bixler, Marietta. A graduate of Donegal High School, Jodi is active in the school chorus, band and the Future Business Leaders of America. She is a 4-H'er with a variety of projects, including being a teen leader. She is active in the Glossbrenner United Methodist Church, and will attend the Penn State York Campus. The Bixlers have about 70 Holsteins.

Elizabeth J. Brinton, 16, is the daughter of Mr. and Mrs. Victor Brinton, Peach Bottom. A senior at Solanco High School, Betsy is active in cheerleading, track, Student Senate, Varsity Club, glee club and mixed chorus. She is a 4-H'er and is in the Girl Scouts and the Explorers as well as her church youth group. The Brintons have 110 Holsteins.

Jeannie Ginder, 17, is the daughter of Mr. and Mrs. Robert E. Ginder, Elizabethtown. A student at Manheim Central High School, Jeannie was a member of the Future Farmers of America, and was active in 4-H dairy club for about seven years. She attends the Chiques Church of the Brethren, and was a member of the Lancaster Red Rose Beef Club. Her parents have about 45 Holsteins.

Cynthia Lynn Gordon, 17, is the daughter of Mr. and Mrs. George A. Gordon, Jr., Peach Bottom. A student at Solanco High School, she is active in the Future Farmers of America, and in 4-H, having taken both sewing and dairy. She owns three Ayrshires.

Julie Long, 17, is the daughter of Mr. and Mrs. James Long, Peach Bottom. A student at Solanco High School, Julie is in the Spanish Club and is active in her church youth group. Her parents milk 100 Holsteins.

Janae Marie Martin, 19, is the daughter of Mr. and Mrs. Robert Martin, New Holland. A graduate of Lancaster Mennonite High School, Janae was on the field hockey team and the basketball team and is active in her church youth group. She was a member of the New Holland 4-H Baby Beef Club. She hopes to attend the Pennsylvania School of the Arts. Her parents have 48 Holsteins.

Delinda Tindall, 16, is the daughter of Mr. and Mrs. Charles Tindall, Peach Bottom. A senior at Solanco High School, Delinda was in three school musicals, and played the piano for several concerts. She plays for the church youth choir, and has shown swine at the Solanco Fair. Her parents have 50 milking Holsteins.

Lucinda C. Trimble, 17, is the daughter of Mr. and Mrs. Donald Trimble, Peach Bottom. A student at Solanco High School, Lucinda is active in the 4-H sewing and dairy clubs and in the youth group at Mechanic Grove Church of the Brethren. She is a member of the Pennsylvania Brown Swiss Association and is active in the Health Occupational Students of America. She owns two Brown Swiss cows, and hopes to go to Willow Street Vo-Tech's dental school.

Free tickets are necessary, one per family, for admission and for a chance on the door prize which is a family pass for four to Dutch Wonderland. Advance tickets may be obtained from Linda Kreider, Lancaster Pike, Quarryville, 17566. Please include a self-addressed, stamped envelope.

Tickets are also available from milk haulers, some AI technicians and some feed salesmen.

The winner of the contest will represent Lancaster County's dairymen throughout the year and participate in the 1985 Pennsylvania Dairy Princess contest.

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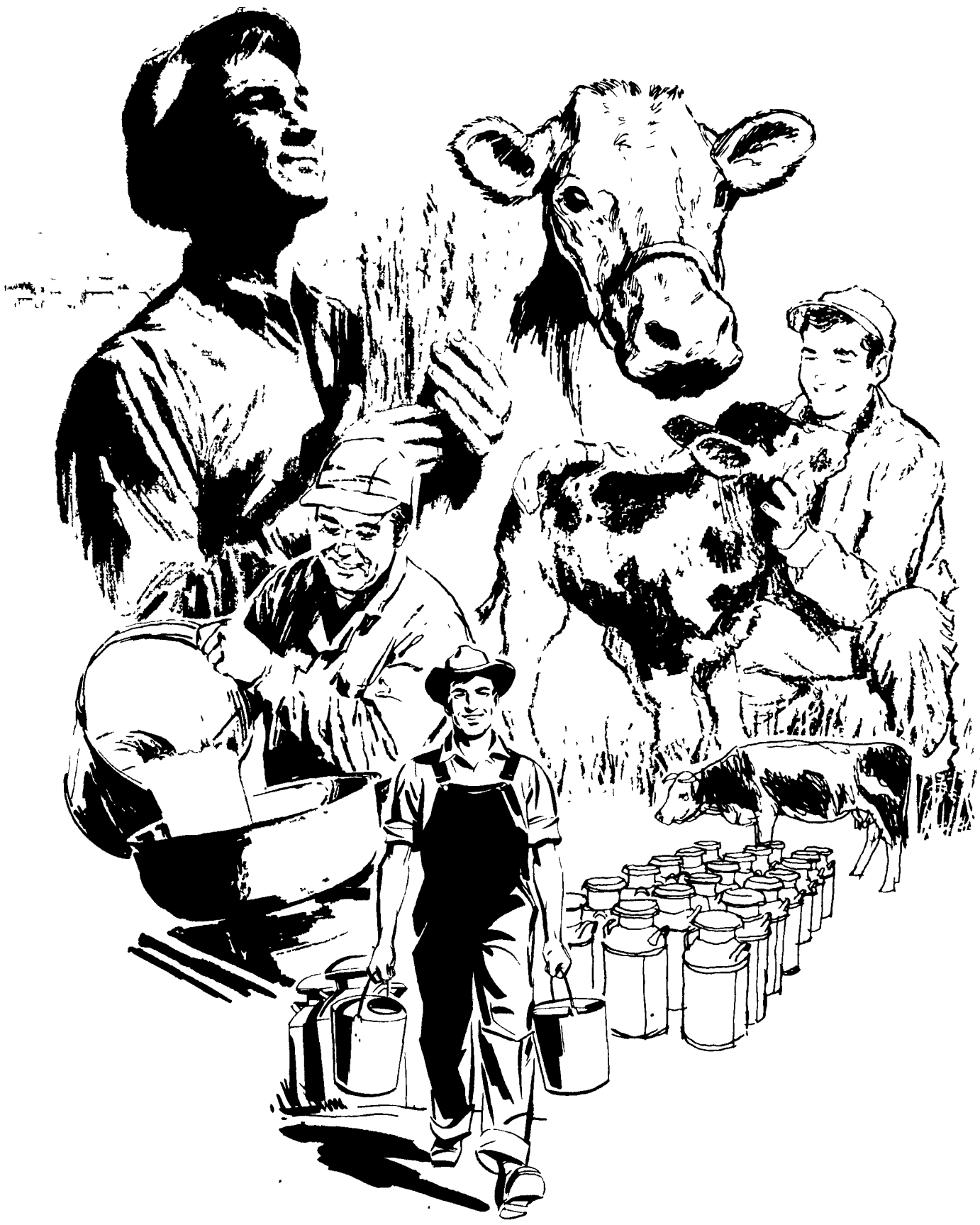

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SPERRY NEW HOLLAND

From farm kids to Outstanding Farm Couple, Spanglers share committment to land

BY MARGIE FUSCO
Staff Correspondent

MIFFLINBURG — Lee and Kathy Spangler of Mifflinburg speak shyly about being chosen a 1984 Outstanding Farm Couple Under 30 by the Pennsylvania Young Farmers. "We didn't really do anything," Kathy says, "We just filled out the forms." But it's what the Spanglers put on the forms that made them outstanding.

Lee and Kathy were farm kids from the start and proud of it. They met through 4-H when Kathy was growing up in Middleburg. The romance blossomed through shows, sales, and fairs. By the time they reached college, the couple had made not only a commitment to each other, but also a commitment to the land.

"I though at first I wanted to be an ag teacher or a veterinarian," Lee recalls of his first year at Penn State. Finally the elective choices drew him into ag ed. He was the top student in his class his junior and senior years, and he completed his student teaching and found job offers waiting. "I wanted to have the degree, and I like knowing that I have my certification I can fall back on, if I have to," he says. "But I knew by then that I wanted to go back to farming."

They were married in 1979. Kathy still had a year of school remaining, and she commuted 45 miles each way to State College to complete her bachelor's degree in horticulture. Today she has her hands full with the couple's two daughters, but she continues to work in a local flower shop and do private consulting on weddings. She also finds time to keep a large garden, can in season, and help out with the heifers.

Lee credits his parents with instilling in him strong values about education and farming. His father, Eugene, with whom he now farms, encouraged Lee and his older brother Glenn and younger brother Barry to get involved in farming from the start. The boys were involved in decision-making about the farm, and they were encouraged and rewarded for helping with the work. Their late mother, Martha, a Penn State graduate and former Extension Service home economist, joined their father in encouraging the boys to pursue a college education.

"We knew that it was expected of us," Lee recalls. When the boys made any money from a 4-H or FFA cattle sale, the money went straight into the bank for college. By the time they were ready for more school, they had enough money to pay for their tuition. The Spanglers also hired their sons to work on the farm during summer vacations, then extended their pay through the school year, an incentive that made them look forward to coming back to the farm each summer.

Lee and his father now farm 250 acres and maintain a herd of 84 milking-age cows. Glenn is a vo-ag teacher at the Mifflinburg Area School District, and Barry is a sophomore at the high school. Both help out on the family operation as time permits. The farm has been planned for labor-saving and efficency.

The heifers stay in the old barn at Lee's house; the milking cows are a few acres away, at Eugene's more modern barn. Eugene Spangler purchased the farm in 1964 after several years of renting in nearby Swengle. "Dad got us involved from the start," Lee says. In 1970 they put in a herringbone milking parlor. In 1973 they renovated the heifer barn. They added concrete silos to Eugene's barn in 1970 and 1975, and more recently they built a 16x60 ft. poured concrete silo at Lee's barn, with additional space to expand the square footage of the heifer barn The Spanglers have also built a heated, insulated shop where they can do equipment repairs during the winter months.

The Spangler dairy herd currently enjoys a rolling average of 16,550 pounds milk, 658 pounds butterfat and 4 percent test. The fat levels are about 50 points below last year because an outbreak of cowpox hit the herd and did its share of damage.

Eugene has been breeding his own cows for years. Recently Lee has taken over more of the breeding, and they have begun to use the ABS computer genetic evaluation service. They're now breeding for greater production, body type and udder traits, using bulls like Chairman, Vic, Milkmaster, Columbus and Geranjo.

The present herd is about 60 percent registered and includes two 11-year-old cows. With the end of the cowpox and some better bred cows coming along this spring, Lee is looking forward to watching production levels rise.

The Spanglers' interests don't stop at farming. They're concerned about the community and about conservation as well. Lee and Kathy are active in their church and are youth group leaders and Sunday school teachers. Lee is a member of thge Union County Economic Development Council, the Union County Agricultural Land Task Force, and the Vocational Advisory Committee to the Mifflinburg Area School District. He is also a past president of the local chapter of Pennsylvania Young Farmers and a member of PFA.

Kathy teasingly likes to characterize the couple as "a pair of workaholics." Lee doesn't quite agree. He sees them working for results: "You can't get anything done if you're not willing to get out and do it."

When they're not on the farm, the Spanglers enjoy the outdoors. They take camping vacations, and Lee is an avid hunter involved in both archery and guns. He is also a licensed pheasant propagator and has a serious interest in wildlife.

In 1981, the Spanglers bought a 17-acre piece of land that linked their property to Eugene's. They turned the bottom land, which was cut through by a meandering stream, into a wildlife refuge. By damming the stream and building a pond, they established a waterfowl preserve where great blue herons, mallard ducks, Canada geese, and whistling swans are visitors or residents.

Both Lee and Kathy are committed to their family as well. One visible sign of that commitment is a huge playhouse Lee constructed for their older daughter, Valerie. The house takes up nearly a quarter of the large family room. When their second daughter, Sheila, was born, Lee added a "kitchenette" inside complete with stove, refrigerator, and sink.

Lee and Kathy Spangler display local and state awards they received as Outstanding Farm Couple Under 30.

While their daughters dart in and out of the play kitchen, Lee and Kathy take time to sit and talk in their grown-up kitchen. Kathy tells about the bear Lee shot last year, and he points out a flower arrangement his wife recently made. It's apparent that each is proud of the other, and that they value each other for their differences.

"I don't know that we're doing things any better or worse than others," Kathy muses. "We try to work hard at whatever we do. And we try to be understanding. Farming takes long hours, and marriage takes a lot of work. You have to remember both of those things when you're the wife up in the house and he comes home late and tired." They exchange a smile across the table.

Joyce Ruppert becomes York dairy princess

BY JOYCE BUPP
Staff Correspondent

YORK — Joyce Ruppert is York County's 1985 dairy princess, after being crowned by outgoing princess Judy Perry, as the highlight of the annual pageant at the 4-H Center. Alternate princess is Kelly Kilgore.

Joyce is the 21-year-old daughter of Mr. and Mrs. William Ruppert, Harrisburg Street, East Berlin. A 1982 graduate of Dover Area High School, she is employed on the family farm, assisting with the 56-head herd and 168 acres of cropground. Joyce is also an artist, specializing in painting, and studied for a semester at the Antonelli Institute of Art and Photography.

During her high school years she was class treasurer, Honor Society member and a member of the track team through all four years. She also served on the yearbook staff, homecoming and prom courts, and won several school awards.

Joyce's milk promotional skit was one of the two selected for presentation during the pageant. Also chosen to give her promotional presentation to the audience was contestant Loretta Cooper.

Alternate princess Kelly Kilgore is the daughter of Mr. and Mrs. William Kilgore, Airville R2. Kelly is 17 and a 1985 graduate of Red Lion Area High School, where she has been an active FFA member and officer. She is past chapter president and served as the county's first woman FFA president.

Owner of six head of cattle, Kelly exhibits in both FFA and 4-H dairy competition, and does some of the artificial insemination work for the 70-cow herd. She plans to continue working with the home farm, and hopes to pursue studies as a licensed practical nurse.

A special feature of the 31st annual pageant was a reunion and update on the activities of York's dairy princesses of the past 30 years. Ten former winners took part, including the first princess, Hope Hanley Bradley, of Delta, who won the crown in 1955.

Other former princesses attending were Carolyn Falkenstein Markey, York, 1956; Louise Smyser Frye, York, 1957; Vicki Evans, McFarland, York 1972-73; Cindy Rutter Johnson, Cockeysville, Md., 1976; Susan Adams Becker, Dallastown, 1977; Patricia Greek Jones, Parkton, Md., 1978; Carol Druck Tipton, Windsor, 1979; Tina L. Neufeld, Elkton, Md., 1980; Candy Neufeld, York, 1981; and Nancy Eisenhart, West Chester, 1982.

Emcee for the pageant was Berks County dairy farmer Ernest Miller. Judges were Phoebe Bitler, former extension home economist and Berks County dairy princess coordinator, Vernette Meyers, former Berks County princess pageant chairman, and John Blyholder, secretary of the Pennsylvania Dairymen's Association.

Coordinator for the 1985-86 York Dairy Princess program is Kathy King, Delta R2. Individuals or groups wishing to schedule appearances by the York County Dairy Princess should contact Mrs. King at 717-862-3607.

Joyce Ruppert is York County's newly-crowned dairy princess. Alternate princess is Kelly Kilgore.

Grange sewing winners named

HARRISBURG — Rebecca Michalka, women's activities director for the Pennsylvania State Grange, recently announced state winners in the National Grange Sewing Contest, the nation's largest general sewing competition.

Jane Reppert of Hamburg, Berks County, was judged the top state winner, taking best of show, first place in the children's clothing category and the Offray Ribbon Company's award for her use of the sponsor's product in the garment. Reppert belongs to Virginville Grange in Berks County. Her winning garment was a hand-embroidered dress sewn for her infant daughter

Melinda Shaffer, age 15, of Georgetown, Beaver County, won first place in the youth sewing category. The South Side High School sophomore belongs to Hookstown Junior Grange and has previously won 4-H, Sewing with Wool, and State Farm Show sewing awards. She lives on a small farm.

Laura Boak, a retired teacher from Cannonsburg, Washington County, placed first in the adult clothing category. She belongs to Millers Run Grange.

Charles Day, age 10, of Honesdale, Wayne County, was the first place winner in the category for elementary age children. The fourth grader won with a three-piece jogging outfit. He is a member of Beach Grove Grange.

Wanda Mae Lehner of Bald Eagle Grange, Blair County, won the B. Blumenthal and Company award, and June Boak of Millers Run Grange, Washington County, was selected the Pellon Company prize winner.

The state winners in the four categories will receive monetary awards from the State Grange in addition to prizes awarded by Simplicity Pattern Company and other contest sponsors. All first place garments will be entered in national competition to be held at the Simplicity Pattern Company headquarters in New York City in June.

The National Grange Sewing Contest is conducted from Dec 1 to April 15 and is open to any non professional sewer, regardless of membership in the Grange. For further information on entering next year's contest, contact the local Grange in your area.

Armstrong dairy princess candidates prepare for pageant

LENAPE — The 1985 Armstrong County dairy princess will be crowned June 8 at 8 p.m. at Lenape Vo-Tech.

Competing for the crown will be:

Jerri Lynn Bowser, the daughter of James and Margie Bowser, New Bethlehem. Her family milks 40 cows. She is currently a senior at Clarion County Vo-Tech studying cosmotology.

Jolene Rearick, the daughter of Murray and Dorothy Rearick of Dayton. Her family lives on a dairy farm with 55 milking cows. She is currently a junior at Lenape Vo-Tech studying health assistance.

Amy Pugliese, the daughter of Ron and Carol Pugliese of Spring Church. Her family milks 55 cows. She attends Citizens General Hospital School of Nursing and is a five-year member of the Dayton Livestock Club.

Gwen Alcorn, the daughter of Gary and Carol Alcorn, New Bethlehem. Her family milks 122 dairy cows. She is a 10-year member of the Dayton 4-H Club and is a senior at Lenape Vo-Tech studying data processing.

Tammy Hiner, daughter of Eugene and Twila Hiner, East Brady. Her family milks 50 cows. She attends East Brady High School.

The pageant is free and open to the public. The new princess will be crowned by 1984 dairy princess Joyce Freehling.

1984 Armstrong County dairy princess Joyce Freehling (center) poses with contestants in this year's pageant. From left the contestants are, Amy Pugliese, Jerri Lynn Bowser, Joyce Freehling, Jolene Rearick, and Gwen Alcorn.

Berks County FFA'ers honor outstanding members

KUTZTOWN — Berks County FFA'ers honored their outstanding future farmers during their annual awards banquet at the Kutztown Grange Hall.

The Star awards went to students from the Twin Valley and Oley Chapters. County Star Agribusinessman plaque went to Chris Coblentz, Twin Valley. The County Star Farmer plaque was earned by Kirk Fisher, Oley. These awards were presented by Harvey Smith, area vocational consultant.

The Washington Conference Scholarship award was presented to Henry Seidel of the Hamburg Chapter. This scholarship recognizes leadership and participation. Henry was elected as president of his chapter and of the county.

Honorary Membership went to people who have rendered outstanding service and have helped vocational agriculture and the FFA. The recipients of this honor were: Nancy Sterner, vice principal at Kutztown Area High School; Charles Dombay, principal at Twin Valley High School; David Henry, district forester for the PA Game Commission; Robert Sattazahn, dairy farmer, Womelsdorf; and Ronald Beaton, vice president of Band of Pennsylvania.

Certificates of Appreciation were presented to people who gave their support and services to the Berks County FFA. Recipients were: William Yoder, owner of WEY Farms; Dale Olver, sire analyst at the Atlantic Breeders Cooperative; Rich Miller, horsefarm and campground owner; F.M. Browns, feed and grain supply company; and Greg Snyder, herdsman of WEA Sheep Farm.

County degrees were presented to the following: Oley--Lamar Bowers, Kevin Guldin, Jennifer Jesiolowski, Kevin Moyer, and Greg Zook. Hamburg--Henry Seidel, Scott Naftzinger, Edward DeLong, Jr., Todd Lonergan, Greg Stricker. Kutztown--Tamara Miller, Ronald Zimmerman, Stacey Meyers, Karen Rabenold, and Dan Rice. Tulpehocken--Scott Bohn, Thomas Rausch, Richard Osche, and Daryl Adams. Conrad Weiser--Karl Derr, Daryl Oswald, Doug Shoener, Dave Musser, Heath Edwards, Duane Shoemaker, Daryl Schaeffer, Tim Klopp, Ron Moyer, Blair Wartzenluft, Randy Cox, Steve Pieller, Troy Souders, and Brian Zechman. Twin Valley--Steve Plank, Beth Morgan, Gail Raser, Mark Zerr, Rich Geedy, Scott Burnett, Mel Dietrich, Tim Dunn, and Pat Hepner.

New County officers installed at the banquet include: president, Henry Seidel; vice president, Beth Morgan; secretary, Jennifer Jesiolowski; treasurer, Tom Rausch; reporter, Greg Stricker; sentinel, Daniel Rice; chaplain, Brian Zechman; and parliamentarian, Kevin Stoltzfus.

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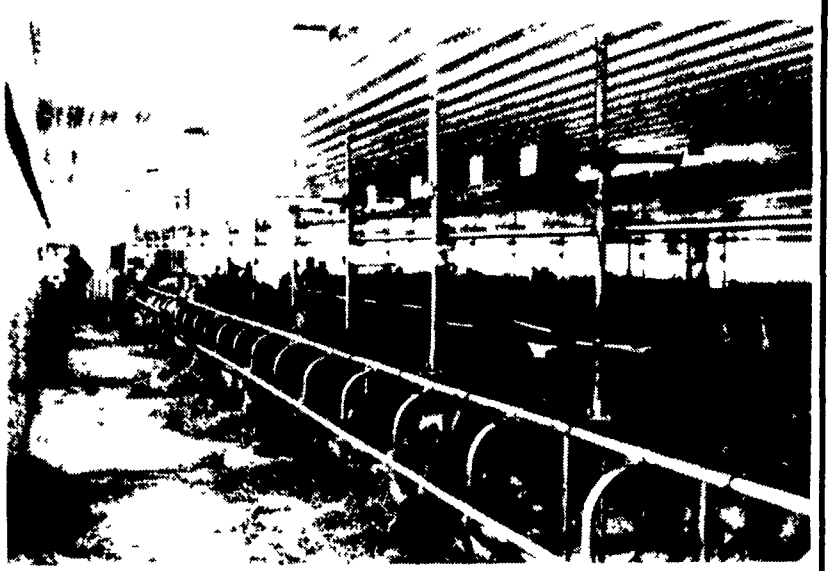

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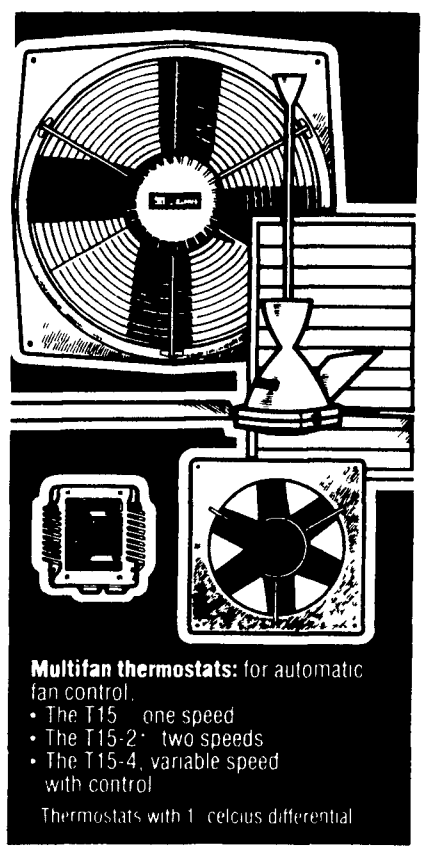

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CREAMERY — With the spring-and-summer planting season here many gardeners will be bringing plants home from the local nurseries and garden center.

Most plants will adapt to the mild condition changes of your garden. The more mistakes you make, however, the harder it will be for your plants to survive, warns County Agent Paul Reber. If you make one or more of the following mistakes when you select, plant or care for your new plant, you might not be satisfied with the outcome:

• Buying the wrong plant. The problem is usually not the plant but the location of the plant in your garden or landscape. "All too often gardeners purchase plants because they are attractive or unusual, not because the plant has a chance to survive under the conditions of their garden," Reber says, "A similar problem occurs when the plant grows too large for landscape design."

• Setting the plant too deep. People tend to set plants too deeply into the soil. This will cause problems with most plants. Bare-rooted plants can be slightly lower with little harm. Plants that are container-grown and balled or burlapped should be slightly higher in the hole than the surrounding soil line.

• Setting a dry plant. Most container grown plants are produced with an artificial material around their root system. When this high organic material dries out, it can be very difficult to wet again. If dry plants are not watered well, the drying process continues in the hole and the plant dies.

• Forgetting to water plants. Newly set plants need a thorough watering, even if the soil around them is moist. The first watering after planting will settle the soil and remove any air pockets which often reduce root expansion into the backfill soil.

• Digging a small hole. Many gardeners will make a planting hole just large enough for the root ball. Even if these plants are given optimum care, they seldom grow properly or survive very long. A hole one and a half times the root diameter is considered ideal.

• Preparing backfill soil. The horticulture industry is beginning to get away from amending backfill soil with large amounts of organic matter. Bare-root plants can be backfilled with good soil that came from the hole. Container-grown and balled or burlapped plants still should get some organic matter in the backfill soil to produce a transition between the soil around the root ball and the site's soil.

• Using too much fertilizer. The new roots that a plant sends out can be easily burned by the salt in fertilizer. Unless the soil tests low in a specific element, most plants will establish very well with light applications of fertilizer or no fertilizer at all.

• Forgetting to water plants in the summer. First-year plants need extra water during their period of establishment.

• Forgetting to mulch. A mulch 3 to 4 inches deep will keep the soil moist, hold down weed growth and give the planted area a better appearance.

"There is no positive way to assure success with every planting," Reber concludes. "But if you avoid the above mistakes before, during or after planting, you garden will have a better chance for success."

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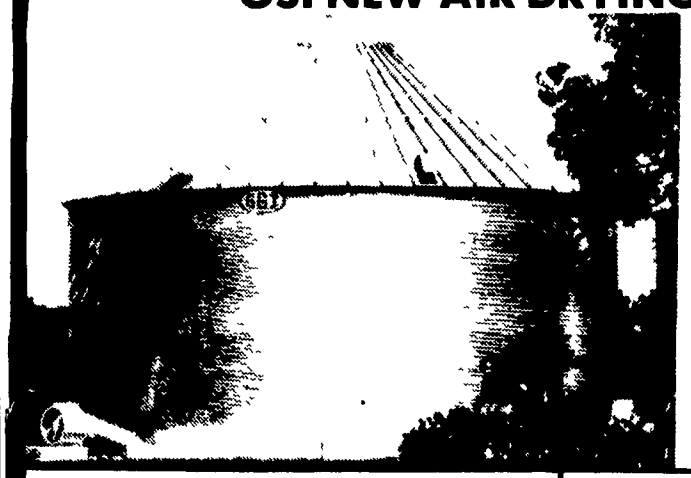

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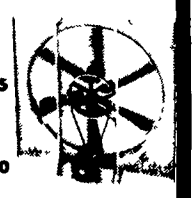

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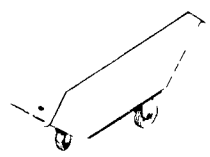

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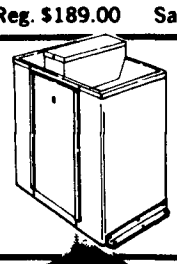

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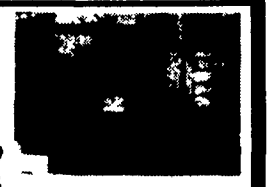

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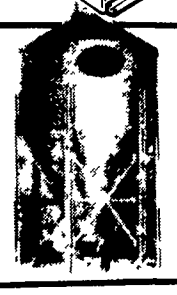

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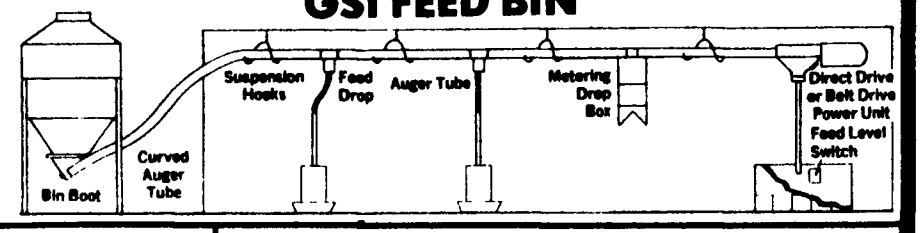

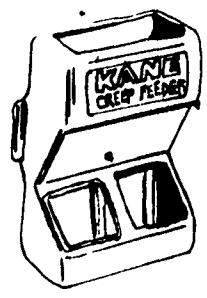

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CRAFT CORNER

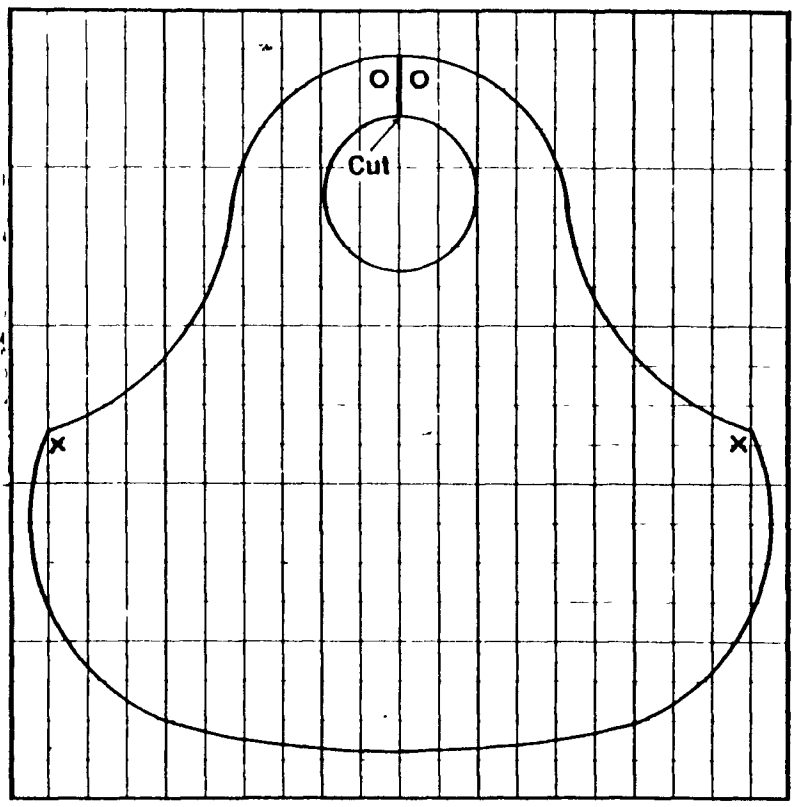
Appliques easy way to brighten a baby's day

By Wendie R. Blanchard
Copley News Service

Gifts for toddlers can be hard to find. This simple bib, which can be made in a couple of hours, is a quick and easy solution to the problem. It is one of many projects featured in a booklet from DMC Corp. titled Quilting for Baby. This booklet offers a most delightful quartet of playful animal patterns that can be stitched or appliqued onto clothes, quilts, totes, curtains and, of course, bibs.

Applique refers to the application of decorative fabric onto a base fabric. It may be attached by hand or machine. All the techniques in this booklet use a sewing machine, but hand sewing modifications easily can be applied by turning under all the edges one-eighth inch and blind stitching the edges.

To order this booklet, sent $3.25 to the Craft Network, RD 5, Box 650, Newton, NJ 07860.



Note: One square equals 1 inch. Toddler-size bib suited for applique or embroidery. Courtesy of DMC Corp.

Materials

½ yard floral print
½ yard coordinated solid color
½ yard non-woven fleece
1 snap
1 yard cotton twill tape in contrasting shade
1 spool DMC Art 237 size 30 thread

Cut

The pattern is shown one-fourth the actual size and must be scaled to full size. Be sure to add a ½-inch seam allowance all around the bib pattern and design to be appliqued. This allowance will be trimmed after stitching. Cut one each of the following: bib pattern in solid colore, print, fleece and bear in solid.

Assembly

Lay the print bib piece wrong side down on the fleece. Pin the bear in place through both layers and stitch the applique in place, using the applique setting on your machine. Lay the assembled piece on the wrong side of the solid piece. Pin or baste around the edges. Finish the edges in a zigzag stitch. Stitch the outside of the bib around twice in the zigzag stitch.

Cut the tape in half and attach one strip to each "X" corner as you work the second zigzag stitch around the outside. Attach the snap at the "O" spots at the back of the neck.

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Call PDA Pesticide Division with questions

HARRISBURG – The return of warmer weather to Pennsylvania summons homeowners to their lawns and gardens patches for the beginning of another growing season in the Commonwealth.

With increased activity come questions concerning the use of fertilizers to help the "green thumb" and the use of the insecticides, fungicides and other products to protect prized vegetables, fruits and ornamentals from insects and disease.

The Pesticide Division of the Bureau of Plant Industry in the Pennsylvania Department of Agriculture urges all pesticide users to read and understand product labels before they are used Pesticide suppliers will often evaluate your needs and provide guidance in selecting the current product.

The Pesticide Division regulates the use of pesticides in the Commonwealth. Specialists from this division conduct examinations for pesticide applicator certification for restricted use of pesticides; issue licenses for pesticides applicators and dealers of restricted pesticides, register all pesticides used in the state; and develop rules and regulations pertinent to program needs. The division also investigates problems arising from the misuse of pesticide products and takes appropriate enforcement action where necessary.

Each of the Department's seven regional offices houses a pesticide specialist to conduct these activities and provides related services For answers to questions concerning the proper use of pesticides you intend to use, we will be glad to assist Write the Pennsylvania Department of Agriculture, Bureau of Plant Industry, 2301 N Cameron Street, Harrisburg, PA 17110-9408 or phone (717) 787-4843

4-H Computer project

EBENSBURG – When people think of 4-H, they think of cows and cooking and computers and. . .Computers? That's right Pennsylvania is one of the first states to offer a new project that acquaints young people with microcomputers.

"The 4-H members are genuinely interested in computers," says Teresa Wilson, a volunteer leader from Cambria County. "They don't take the project just to kill time."

Mrs. Wilson taught the first level of the project in which 4-H'ers learn the parts of a computer. They learn to turn it on, to use the computer as a calculator and to load programs

Mrs Wilson and others who taught the project felt it was well organized. Developed by the University of Kentucky's Agricultural Engineering Department, the project's objectives are to make 4-H'ers and their families aware of the computer's many uses and its impact on their lives. The project allows them to use computers for "more than playing Pac-Man," says one leader.

After completing the introductory project, members can take a second project to learn to execute simple commands; write, read and run a program; and design a flow chart. In Project III, members plan and write programs using flow charts, variables, loops, arrays and other computer functions.

Pennsylvania was one of 10 states selected to pilot the project. "Starting a national 4-H project in this way is unusual," says Cindy Kauffman, state 4-H program assistant, who coordinated the project in Pennsylvania. "Most projects are prepared by Extension specialists or individual states," she added.

Five Pennsylvania counties participated in the pilot project. The 65 4-H members completing the project ranged in age from 8 to 17 Volunteer leaders included computer science graduates, a farmer who owned a home computer and a junior high school teacher.

Some leaders limited their groups to four to six members because of a lack of computers. Facilities were often a problem since the project is most successful when each member has his or her own computer to work with. Some leaders offered their own computers or used one at the local Extension office One teacher used the computers at her school, while another used those at a nearby Penn State branch campus

Some leaders felt the project moved too slowly or that the visual aids in the project book were not helpful to members Others felt it needed programs of more interest to the members

Some leaders, like Mrs. Wilson, modified the project on their own. If the members weren't interested on how much feed a herd of cows ate, Mrs. Wilson wrote a program for something they were interested in. She also said she slowed down the project somewhat and had to review sections with her younger members before beginning a new lesson

All members, leaders and Extension staff involved with the project were asked to evaluate it Their evaluations have been compiled with those of participants in the other nine states, and used by the developers at the University of Kentucky to revise the project The State 4-H Office expects to receive the final project soon, says Kauffman.

In Pennsylvania, 214 members enrolled in the project this year. Those involved in Pennsylvania's pilot project feel that the project has great potential in the 4-H program. As Mrs Wilson stated, "Computer knowledge is something everyone's going to need and these kids realize it now "

Baltimore has a 'blast' with milk promotion

A crowd of 11,000 attended the Baltimore Blast's second annual "Milk Night" at the Baltimore Civic Center and cheered members of WIYY 98 Rock as they competed in a cow milking contest during halftime of the indoor soccer game.

Morning deejays Bob Lopez and Alan Courduff (center left and center right) received engraved miniature cow milking stools for competing in the contest. Pictured with them are afternoon deejay Chris Emry (far left), who provided the color commentary, and Maryland Dairy Princess Tara Woodfield, the official cow milking contest judge

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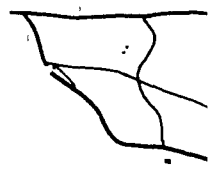

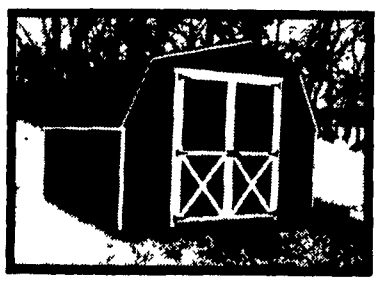

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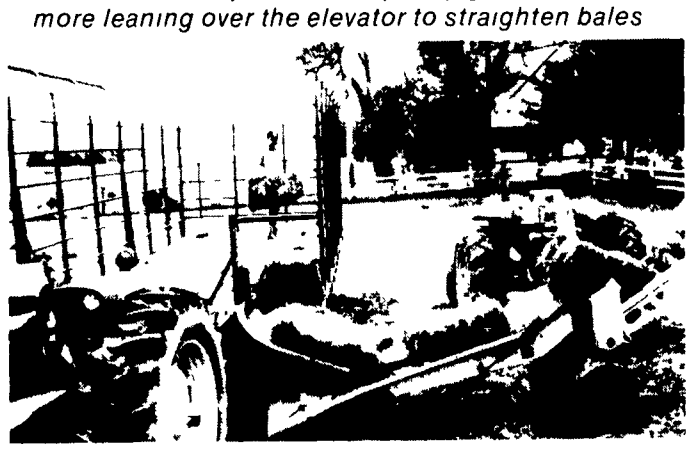

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Dairy products are necessary throughout lifecycle

ARLINGTON, Va. – Many of us still believe in the age-old myth that milk and other dairy products are only necessary during the growing years. On the contrary, a calcium-rich diet has been recognized by leading medical authorities as significant in helping to prevent certain diseases and in keeping teeth and bones strong throughout all stages of the lifecycle. Calcium is also important for normal nerve function, blood clotting and muscle contraction.

Life's Early Stages

At birth, a baby's bones are soft and pliable. To strengthen and harden the teeth and bones, an infant from five months to one year must receive about 540 mg/day of calcium.

It has been highly recommended that a baby receive most of its calcium needs through breast feeding In fact, studies show that the calcium in the mother's milk is more easily absorbed than the calcium in a prepared formula. From ages one to ten, calcium needs increase to 800 mg/day

Calcium intake becomes increasingly important as the child grows During the teenage years, ages 11 to 18, the Recommended Dietary Allowance (RDA) for calcium skyrockets to 1,200 mg/day. That's equal to four servings from the milk group.

Increased calcium intake during the adolescent growth spurt is essential, for it is during this period that the body forms 45 percent of its bone mass and 15 percent of its adult height. Making sure that calcium-rich foods are added to a sound eating plan at an early age will ensure a growing teenage boy long-term overall health.

Calcium: The Adult Diet Staple

As adults, the bones in our bodies stop growing in length and width, yet they continue to increase in density Whether they get stronger or weaker all depends on how much calcium the body is fed Without the necessary amounts of calcium during the adult years, there is an increasing risk that bones may never reach their full strength. This opens the way to the possibility of osteoporosis.

The often less than adequate supply of calcium in the adult diet is a growing concern in our country today. On any given day, two-thirds of all females between the ages of 18 and 34 consume less than the adult RDA for calcium.

If the body continually loses calcium, bones become thinner and weaker, and fractures may result Keeping milk and other dairy products as a constant in an adult's diet, (two servings per day), will help ensure strong, dense bones

Building A Better Baby

Throughout pregnancy, a woman's body uses the food she eats to help her child develop and grow If she does not feed her body what it needs, her health as well as the baby's may suffer

Calcium is very important to a growing fetus, and the bones and teeth need plenty of the mineral to develop properly If the mother's diet does not contain enough calcium, the baby's bones will develop at the expense of the mother's. Therefore, it is twice as important for her to receive the RDA for pregnant and lactating women of 1200 mg/day of calcium.

Calcium also keeps her heart and muscles in good condition and may help prevent development of high blood pressure–a condition to which some women are susceptible late in pregnancy.

Pregnant teenagers are more susceptible to health problems than older pregnant females. To begin with, the baby is not the only one growing. While the fetus' organs and bones are developing, so are the mother's.

Since the fetus receives all of its nutrients directly from the mother, it is essential that the teenager feed her body with the required amount of calcium However, teenage girls commonly have a low calcium content in their diets This can seriously jeopardize the health of both the mother and growing child because they are both in competition for what little calcium is available

It is crucial that pregnant and lactating women of all ages keep up a well-balanced diet stocked with calcium-rich dairy foods The calcium will help build a healthy baby and keep mother's body fit

Maintaining The Body Beautiful

During menopause, women experience a rapid decline in the production of the hormone estrogen by the body Estrogen helps promote calcium absorption Therefore, in a women going through menopause, less calcium is absorbed

This decrease in estrogen levels results in increased bone loss Thus calcium intake needs to be increased from the adult RDA of 800 mg/day For post-menopausal women, many medical and nutrition experts recommend that the calcium intake be increased to as much as 1,500 mg/day to counteract this effect

In both men and women, calcium absorption decreases as one grows older. This is probably in part, caused by the lack of vitamin D, the sunshine vitamin Since the elderly are often housebound or confined, they may only absorb a marginal amount of the needed calcium. Vitamin D helps the body use calcium. Therefore, it's extremely important that an adequate intake of calcium and vitamin D be maintained to combat age-related bone loss.

Getting plenty of calcium is of prime importance in helping to ensure a healthy, strong body throughout life.

Scholarships available to 4-H'ers

MEDIA – Financial aid for college students gets more difficult to come by, but more than $33,000 is available to 4-H members through the national 4-H program. Members who meet the requirements set by the Cooperative Extension Service are eligible for these scholarships provided by private sector donors and arranged by National 4-H Council.

Ten new $1,000 scholarships are available for minority 4-H members pursuing an agriculture-related career at a land-grant institution. These scholarships are provided by E.I. DuPont de Nemours and Company of Wilmington, Del., and are renewable based on the recipient's academic record. Other $1,000 scholarships are provided to members taking food preservation, rabbit or dairy goat projects

Any member whose career choice has been influenced by 4-H is eligible for the $750 Gertrude L. Warren scholarship Warren was a pioneer 4-H leader often described as the "Mother of 4-H"

Who's Who Among American High School Students is providing two $1,000 scholarships to current and former 4-H members enrolled this fall at an accredited college, university, technical or trade school.

A $3,000 scholarship is provided by the Tobe-Coburn School for Fashion Careers, New York City, for a youth interested in a career in the fashion industry

For those interested in agriculture careers, DeKalb AgResearch, Inc., is providing four $1,000 scholarships and trips to National 4-H Congress

The Education Foundation of Alpha Gamma Rho, Des Plaines, Ill., is sponsoring a $1,000 award for a current 4-H member who will be enrolled this fall as a college freshman in agriculture, forestry, veterinary medicine or a closely-related field.

Wayne-Feed Division, Continental Grain Company, Chicago, Ill., donates two $1,000 scholarships to present or former 4-H members who will enroll as college juniors this fall with a major in animal science. Two 4-H members, currently enrolled in a college of veterinary medicine, can receive a $1,000 scholarship provided by Champion Valley Farms, Inc., Camden, N J

The Edwin T Meredith Foundation provides two $1,000 scholarships for outstanding 4-H members who live in one of the 15 states including Pennsylvania

All applicants must have completed at least one year of 4-H work Winners selected by the Cooperative Extension Service will be announced at the National 4-H Congress

Present and former 4-H members interested in applying for these scholarships should contact their county Extension office for more information and application forms

Avon-East Lebanon 4-H Club

The Avon-East Lebanon 4-H club met recently at the Avon United Methodist Church.

Ann Grumbine gave a demonstration on "Giving Demonstrations" Jill Hoffer and Marsha Hain played two songs for the group.

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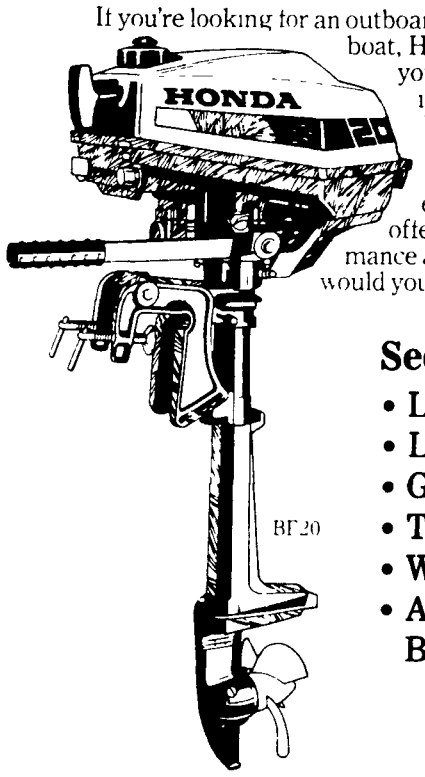

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It's time to clean the freezer

EBENSBURG – For many people, freezers may be almost empty. We tend to fill the freezer in the fall when harvests are at their peak. How you use your freezer can affect its economy as well as the taste and appearance of the food you store.

Right now may be a good time to give your freezer a thorough cleaning, particularly if the contents are worked down and the freezer isn't too full.

By far, the majority of freezers today are frost-free models, so frost buildup is not a problem. But many people have purchased manual defrost freezers in recent years because they are more economical to run. In these models, frost buildup hurts the efficiency of the unit by acting as an insulator that obstructs cooling. Frost should not be allowed to build up to a thickness of more than a quarter inch.

Defrosting need not be a chore. Transfer as many items as possible to a picnic cooler. Wrap the remaining items in newspaper, put them into cardboard boxes and cover tightly.

Turn off the power and pull the unit away from the wall so you can get at the cooling coils. A good way to loosen the ice is to put a pan of boiling water inside the box and close the door.

While you're waiting for the ice to loosen, get the vacuum cleaner and vacuum the coils and clean any accumulation of greasy dust around the motor, coils and sides of the box. This will help the motor run easier and prolong its life.

As the ice starts to fall, scoop it up into a container. But don't wait for all the ice to melt Use a rubber scraper. Do not hack at the ice with a sharp instrument.

After removing all the ice, clean the surfaces with a milk cleaner or a solution of four tablespoons baking soda to one quart warm water. Remember to dry the surfaces thoroughly before you turn on the freezer again. When the freezer is cool again, put the food back in.

A freezer full of food represents a substantial investment. These valuable commodities deserve good freezer protection. Yet many people never give a thought to how their freezer functions. They set the thermostat somewhere in the mid-range of temperatures and assume that everything is fine just because the food becomes hard after a few hours in the freezer.

Frozen food should be stored at zero degrees Fahrenheit. If you're not sure of your freezer temperature, check it with a refrigerator-freezer thermometer.

Food stored above zero degrees will decline in quality. It's not a matter of safety but of avoiding a loss in flavor, taste and appearance.

Time and temperature are the twin troublemakers for frozen foods. Food stored for one day at close to 32 degrees suffers a greater loss in quality than food stored for one year at zero degrees.

Remember: the higher the temperature, the greater the damage to food, and the longer frozen foods are exposed to any temperature above zero, the more damage occurs.

You can't improve the quality of food by freezing it; you can only maintain it.

Every time the temperature goes above zero degrees, some quality is lost and life of the food is shortened.

Once quality goes, it is gone forever. Refreezing will not bring it back.

Fat is the difference in whole, lowfat and skim

NEWARK, Del. – When faced with the choices at today's supermarkets, have you ever wondered how whole, lowfat and skim milk are different?

You probably know that the main difference is the amount of milkfat each contains. But are there other differences as well? Not really, according to University of Delaware extension food and nutrition specialist Dr. Sue Snider.

Snider says the other federal standards for fluid milk vary slightly among the whole, lowfat and skim classifications. But by fat the major difference is the amount of fat.

Whole milk must contain a minimum of 3.25 percent fat; lowfat milk can have either 0.5 percent, 1 percent, 1.5 percent or 2 percent fat; skim milk must have less than 0.5 percent fat. These differences account for the caloric differences among milk choices. One cup of whole milk–or a half-pint-has 150 calories; 2 percent fat milk has 121 calories; 1 percent fat milk has 102 calories; and skim milk has 86 calories.

Whole, lowfat and skim milk must have a minimum of 8.25 percent milk solids, the protein, lactose and minerals in dairy cows' milk.

The average composition of milk as it comes from the cow is about 87 percent water, 3.5 percent each fat and protein, 4.9 percent lactose and 0.7 percent minerals. Fat can range between 3 and 5.5 percent, and protein between 3 and 4 percent.

To get lowfat or skim milk, processors use centrifugal force to separate the fat from the other solids. The amount of fat removed can be changed by adjusting the equipment.

The fat removed is sold as cream, or is used in ice cream, cream dressing for cottage cheese, or other foods such as frozen desserts.

There are also slightly different standards for whole, lowfat and skim milk regarding the addition of vitamin A, a fat-soluble vitamin that is removed from milk with the fat. Vitamin A must be returned to lowfat and skim milk; adding it to whole milk is optional although usually done.

Adding vitamin D to whole, lowfat and skim milk also is optional, but is a standard procedure.

Today's youngsters would thank milk processors for adding vitamin D if they ever had to take cod liver oil like their grandparents did, Snider says. Children once took cod liver oil to prevent rickets, a bone disease caused by vitamin D deficiency. Eventually the vitamin was added to milk because milk is a common food for children.

Help kids feel a part of the move

MEDIA – One aspect that families often overlook when moving to a new home is the move's effect on children, says Extension Home Economist, Greta C. Vairo. Often a move means a new job or a promotion, arranging for your house to be sold and packing your belongings. In the rush of things children are often left in the background.

A move can be traumatic for a child, but parents can do several things to make the move as smooth as possible for everyone. It is important to be honest with your children about the move and to get them involved in it as a family adventure.

Children will pick up your attitude about the move. If you are depressed about it, they may be too. One thing you can do to help your children feel more comfortable about moving is to help them learn about the new community. Read up on things to do there and make plans with your children to visit some of the features of the new area when you are settled in.

Moving is frequently done in a rush, but take the time to visit special places your family has enjoyed surrounding your old home. Encourage your children to exchange addresses with their friends.

If it is practical, let your children accompany you when you house or apartment hunt. If you must select a home by yourself, bring pictures of it back to show to your family.

When you pack, prepare a box for each child with his or her favorite knick-knacks, toys and clothes. Label each box with the child's name. When you arrive at your new home, the children's special boxes will help keep them occupied. In this way you allow them to unpack and "help" with the move.

Once in your new home, get your children involved in the excitement of the new place by letting them arrange and decorate their own bedrooms. As soon as the major unpacking is done, take a break with your family. Don't try to do everything as soon as you arrive. Explore your new community together.

The first few weeks in a new school may difficult for your children. Follow their progress closely and listen to what they've learned about their new school and friends. If any problems persists, such as a reluctance to go to school or health ailments, don't hesitate to visit the teacher or a physician. Explain you have just gone through a relocation.

Finally, younger children may react to a move in a childish manner. They are probably uncomfortable and frightened about meeting new surroundings and friends. Be understanding and patient with them–they should soon return to their normal behavior when they feel at ease in their new home

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Farm Women Societies

Lancaster Society 8

Lancaster Society 8 recently met in the Donegal Presbyterian Church to entertain Society 3 at a covered dish luncheon.

Mary Sarver led the group in a tour of the church and gave a brief history of the changes over the years. Jackie Stoner from Gospel Ministries of Wrightsville sang two inspirational solos.

Nellie Blair of the American Lung Association shared printed material about lung disease and the Lung Association.

The next meeting will be June 22 at 2 p.m. at the home of Grace Pixler. Polly Wardrop will tell of her trip to the Holy Lands.

Lancaster Society 34

Lancaster Society 34 met recently at Quarryville Methodist Church to entertain Society 28. State and County officers were present.

Little Britain Presbyterian Church kitchen band provided the entertainment.

Four new members joined the society. They are: Ann Shoemaker, Debbie Kreider, Joyce Samuelson and Joan Wimer.

The next meeting will be hosted by Debbie Zug with Elaine Knight as co-hostess.

Berks Society 5

Berks Society 5 recently held their Mother/Daughter Banquet at the Shartlesville Grange Hall.

Debbie McCollam gave a demonstration on the four seasons. Fifty members and guests enjoyed "trying on" colors of the four seasons to see which season they were.

Members approved presenting one $25 scholarship to Conrad Weiser Schools and one $25 scholarship to Tulpehocken Schools for an outstanding FFA or FHA student.

Group 5 also agreed to send one child from Hamburg State School to camp at a cost of $40. Members learned that the state project this year is a cookbook and that one recipe containing a Pennsylvania commodity is required of each member. The cookbook will be sold at the 1987 Winter Convention.

Group 5 will celebrate State Farm Women's Day on October 14 by traveling to Wedgewood with Berks Society 7.

Members of Group 5 will meet next for a family night at Show-Biz Pizza Place in Muhlenberg Township on June 4 at 7:30 p.m.

Berks Society 9

Berks Society 9 met recently at the home of Mrs. Jeanne Frye in Gilbertsville.

Ann Marie Fedor, from the Pottstown Visiting Nurses Association, spoke to the group about the services offered by the Hospice for the terminally ill in the Pottstown area. The group gave a donation to the association to be used for the program.

The next meeting will be held at the home of Kim Casner, Douglassville. The program will be on self-defense.

Berks Society 11

Berks Society 11 met recently at the home of Wendy Lingle with six members present.

Plans were confirmed for a program for the residents of Myerstown ECC on July 22 at 7 p.m. For a fund-raiser, members of the group agreed to participate in the PTO Flea Market and Bazaar at Bethel Center Elementary School.

The next meeting will be a tour of an old home. Everyone is asked to meet at the home of Linda Marks on June 24.

Green Valley Society 26

Green Valley Society 26 held its 19th Anniversary Banquet recently at the Jolly Coppersmith.

The group was organized May 10, 1966 with Ruth Hake serving as the first president. Nine charter members and two associate members are still on the roll.

The June meeting will be held at the home of Dot Wilt, Old Trail Road, Etters.

Nelson is new Montgomery home economist

NORRISTOWN — A former Upper Dublin home economics instructor has been named home economics and nutrition extension agent for Montgomery County.

Costelle Nelson will identify problems and opportunities for county clientele in food and nutrition areas. She will evaluate and plan Extension food and nutrition programs for Montgomery County, focusing her efforts on food economics, preservation, shopping and basic nutrition education.

Nelson received her bachelor's degree in home economics education from Prairie View A&M University of Texas in 1971. She also earned certificates in the physical sciences from Sam Houston State University of Texas in 1975, and in data processing from the Lansdale School of Business in Pennsylvania in 1983.

Nelson taught in the Upper Dublin School District in Fort Washington, Pa. Before that, she conducted training sessions on nutrition counseling for Philadelphia health service. Between 1971 and 1979, she taught in the North Forest and Houston School Districts in Texas.

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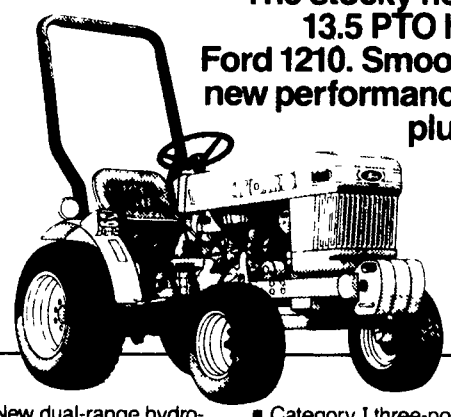

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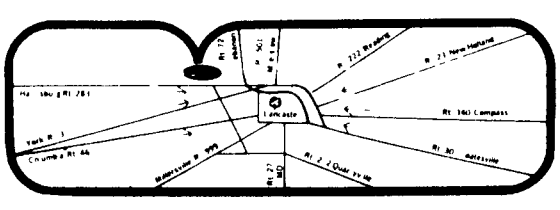

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FORT COLLINS – A major in equine sciences will be offered by Colorado State University, subject to approval by Colorado Commission on Higher Education, beginning in the 1985-86 school year.

CSU will be the first land-grant university in the country to offer this major, said Bill W. Pickett, director, CSU equine sciences program. The equine sciences curriculum will be similar to existing programs in animal sciences but with an equine rather than a meat animal, avian or dairy emphasis.

The equine sciences major traces its history back to 1946 and the original curriculum in horse husbandry at CSU. In 1967 the study of equine sciences was expanded with the introduction of a teaching, research and sevice program in equine reproduction by the College of Veterinary Medicine and Biomedical Sciences.

All CSU equine programs were combined in 1982 to form the equine sciences program. The equine sciences major is the logical step of the 40-year development of the CSU equine program, Pickett said.

The curriculum for the baccalaureate in equine sciences includes the basic requirements for all majors in the department of animal sciences, College of Agricultural Sciences. Students have a choice of two concentrations–industry or science.

The industry concentration places emphasis on proficiency in management and business. The science concentration provides students with the background to enter graduate programs for advanced degrees or veterinary medicine.

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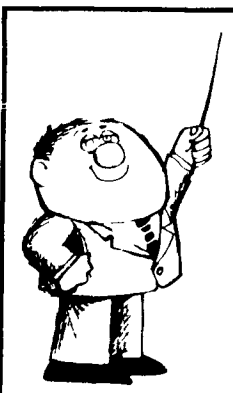

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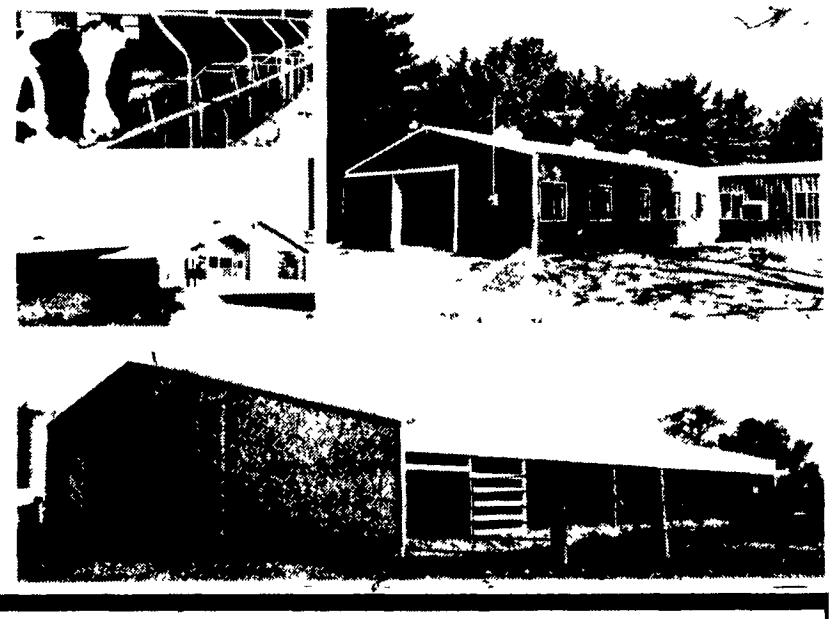

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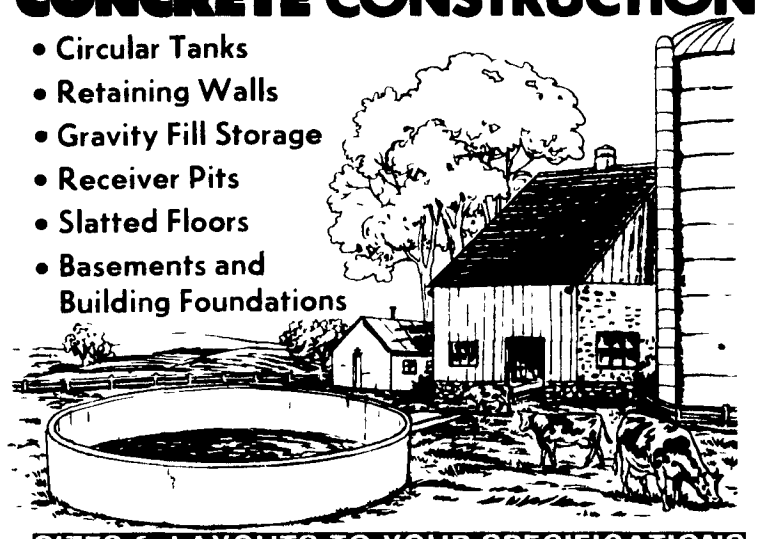

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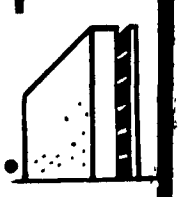

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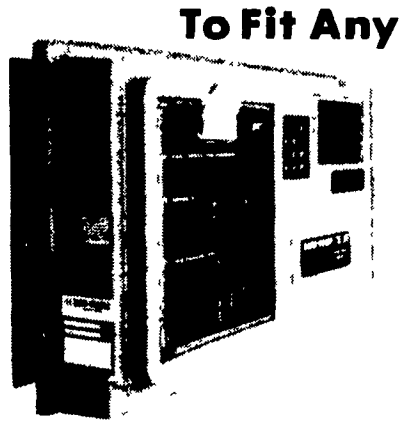

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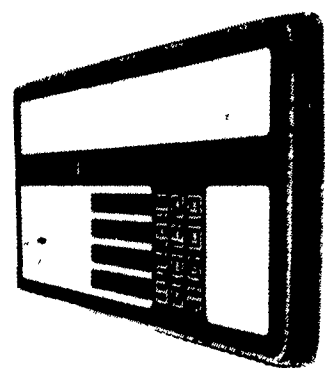

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York 4-H'ers plan dairy promotion

Milk promotion efforts are expected to soar to unprecendented heights with a June Dairy Month effort being planned by the Milk and Money 4-H Dairy Club.

Members are organizing a balloon launch for June 8 during the annual Blevins Fruit Farm Strawberry Festival near Stewartstown. Balloons will be sold at 50 cents each with dairy product prizes for launchers whose balloons travel the furthest.

Balloons will carry the promotional message that June is dairy month and may be purchased ahead of time as well from any club member. During the festival, club members and leaders will also be selling strawberries and ice cream as a fundraiser.

Club member Kelly Morris, above, plans to be in the front line for the launch on June 8 at the Blevins Strawberry Festival near Stewartstown.

Anyone interested in purchasing a balloon for the dairy month launching is asked to call 717-456-5484.

Young athletes need water, right foods

NEWARK, Del. – For peak performance, teenage athletes must give their bodies proper care, including adequate water and proper nutrition. How much water is needed during physical exercise? What kind of food should one eat before a game? Do young athletes have special vitamin and mineral requirements? And are there things they can take to boost their stamina?

Maintaining the body's water balance during physical exertion is of prime importance, says Cheryl Carmichael, a student dietitian at the University of Delaware During exercise, heat production results in water loss through perspiration, as well as the loss of some body salts and electrolytes. Electrolytes are chemical compounds whose ions are capable of breaking up or disassociating in water. Three of the most common elements in these compounds are sodium, potassium and chloride. Electrolytes are important in maintaining an acid-base balance in blood and body tissues.

If the water lost during exercise is not replaced, an athlete may become dangerously overheated and dehydrated. Effects of dehydration include fatigue, increased body temperature, increased pulse rate and, if severe enough, circulatory collapse.

"How much water you need depends on how hot the weather is, and on the level and duration of activity," Carmichael says. "Schedule regular water breaks during exercise. Afterwards, drink enough water to reach your pre-exercise weight." Thirst is a poor indicator of fluid needs, she explains. People who rely on thirst to signal fluid needs are likely to replenish only about half the water lost.

Excess perspiration increases the loss of sodium, potassium and chloride, as well as water, from the body. Is it necessary to replace these, too, after exercise?

"Recent research shows that athletes who eat a well-balanced diet containing a variety of foods from the four groups – vegetables and fruits, whole grain or enriched breads and cereals, dairy products, and meat or meat alternates – get all the nutrients they need, including salts and electrolytes," Carmichael says. "So water is what is needed – not electrolyte-containing sports drinks – unless perspiration loss exceeds four liters, in which case some electrolyte replacement may be indicated."

What about pre-game meals? What should an athlete eat for optimum performance?

"The intense excitement that precedes competition can influence food needs and eating habits," Carmichael says. Instead of eating sweets and "quick" foods, she recommends that a pre-game meal:

- Provide enough substance so the athelte doesn't feel hungry during competition;
- Be relatively low in sodium and fiber;
- Be low in fat, modest in protein, and relatively high in carbohydrates so that it can be digested more rapidly. High protein, high fat pre-game meals stay in the stomach longer and may interfere with breathing.
- Include any food the athlete feels makes him or her win, or brings luck.

Eat this meal three to four hours before the competition. Strenuous exercise immediately after a meal may result in nausea, vomiting, stomach distress and cramping.

The use of vitamin and mineral supplements by athletes to improve performance remains controversial, Carmichael says. However, present evidence shows no apparent benefits. The required amounts of nutrients can usually be supplied by a diet composed of a variety of nutritious foods, although female athletes whose menstrual losses are heavy may require an iron supplement.

Substances that increase the body's ability to work are called ergogenic. Many athletes claim that certina ergogenic aids improve performance. But there is no scientific evidence that wheat germ, honey, bee pollen, lecithin, brewers yeast, vitamin C, kelp, gelatin, sunflower seeds, or vitamin or protein supplements have any special value in enhancing endurance.

"Overall," says Carmichael, "the key to optimum athletic performance is a sound mind, sound body and sound eating habits. An athlete's diet must include enough calories for energy, enough water to maintain the body's water balance, and a variety of foods to ensure that all nutrient requirements are met."

Linda Szeliga wins Alfred award

ALFRED, NY – Linda Szeliga of Alfred Station RD 1 has been named 1985 Outstanding Agronomy Club Member at Alfred State Agricultural and Technical College.

Mrs. Szeliga, who served as club president this year, was awarded a plaque in recognition of her selection by the faculty on the School of Agricultural Technologies. The award is based on contributions to the club.

Earlier this semester, Mrs. Szeliga, a senior Agronomy major, was a member of the college's soils judging team which placed second in national competition. She had the 12th highest individual point total in that event which was sponsored by the National Association of College Teachers of Agriculture.

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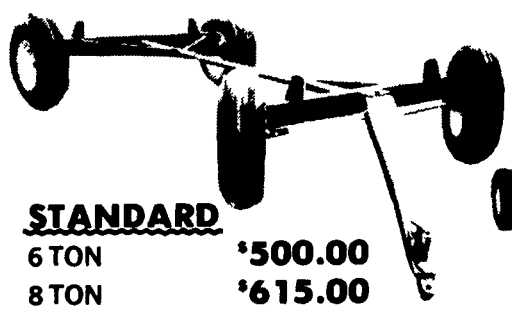

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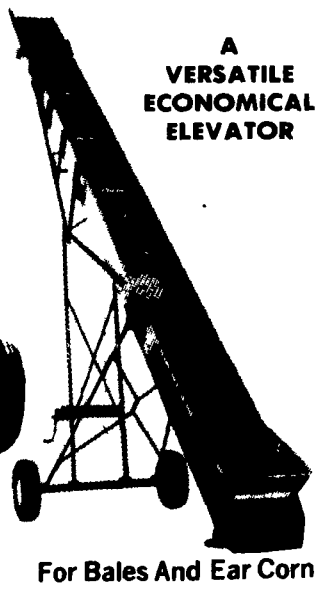

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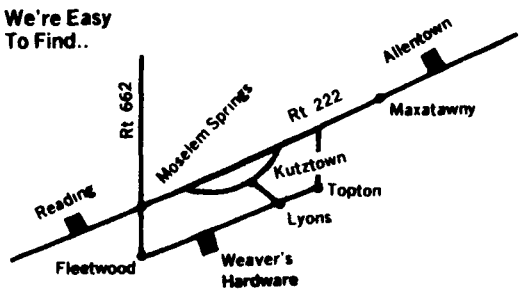

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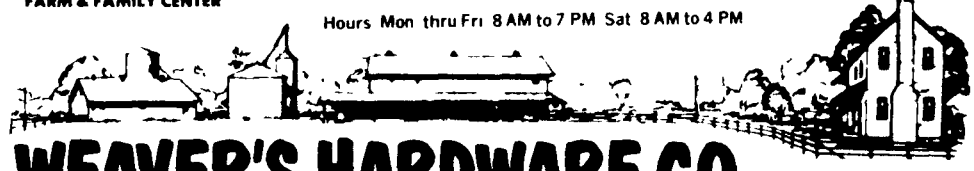

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Expert tells how to avoid pesticide poisoning

NEWARK, DE – Farmers should take special precautions to protect themselves against accidental pesticide exposure–a very real danger at this time of year. When inexperienced workers or new chemicals are involved, the potential for accidents is even greater unless farmers provide training and insist employees heed label directions.

The following incident, described in the January-February, 1985, issue of Farmsafe (a magazine published by the Canadian Farm Safety Association), shows what happens all too often when proper precautions are not followed and safety equipment is not used when handling pesticides:

Joe's mouth tasted like floor wax. The six-day stretch of good weather had helped him get most of his corn into the ground. It had also left him hot, dusty and tired.

"This fill should do it," he muttered to himself as he topped off the seed in his planter's central hopper. Joe's head and back ached as he reached for an envelope of seed protectant powder. He ripped open the top of the package and began to empty its contents into the seed hopper. How many times had he done this over the past week? Joe had lost count by now, but the pink powder on his hands said, "Plenty."

A sudden gust of wind blew a cloud of insecticide back into Joe's face. As he coughed and spat out the minute quantities of the wretched-tasting material that had entered his mouth, Joe was overcome by nausea and dizziness. He scraped his shin as he slipped off the planter and sank to the ground.

The report goes on to describe the progressive symptoms of pesticide poisoning that developed before Joe's wife realized something was dangerously wrong and got him to an emergency room. Joe was one of the lucky ones. He remained weak after the emergency treatment but was back to normal in a few days. It had been a close call.

"It is true that small, repeated doses of pesticide can hurt you," sayd University of Delaware extension farm safety specialist Ron Jester. "The end result can be just as devastating as exposure to a lot of it at once." In fact, the greatest risk occurs with a combination of acute and chronic exposure. For this reason, he advises farmers to treat all pesticides as poisons and protect themselves from accidental exposure.

This means wearing personal protective equipment. Pesticide certification manuals contain guidelines for this protection based on the toxicity of the chemical being used. The specialist urges farmers to follow these recommendations.

For the lowest level of toxicity, long-legged trousers and long-sleeved shirts are required. Since disposable clothing eliminates possible contamination from laundering, Jester advises wearing it when using pesticides. Gloves are also standard equipment.

A cartridge or canister respirator is required if the label precautionary statement says, "Do not breathe vapors or spray mists," or "Poisonous if inhaled."

Other safety equipment, including goggles, rubber boots and a wide-brimmed hat may also be recommended.

When wearing personal protective equipment, such as a respirator. make sure it is certified and designed for chemical application. Proper fit is also essential, as is maintenance, so that equipment continues to provide the protection needed.

"Know how to recognize the symptoms of pesticide poisoning so that you can take proper action in case of an emergency," the safety specialist advises. "Symptoms may be common to many kinds of illnesses--headache, general feeling of being unwell, weakness, nervousness, nausea, In fact, poisoning may be so mild it can scarcely be detected and isn't even suspected. For your safety, you must be able to respond quickly if you or any of your employees experience these or other symptoms while at work, or later in the day."

Do not wait until a victim becomes dangerously ill before calling a doctor or going to a hospital. It's much better to be cautious than too late. Be sure to take along the pesticide container or label.

"Accidental pesticide exposure occurs far too often on the farm, and may result in poisoning," Jester says. "For everyone's sake, read labels, heed precautions, wear personal protection equipment, and always store pesticides out of reach of children. The time spent taking such precautions is one of the smartest investments you can make as a farmer–for the sake of your own safety and health, your business and your family."

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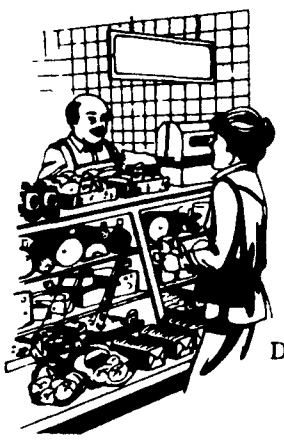

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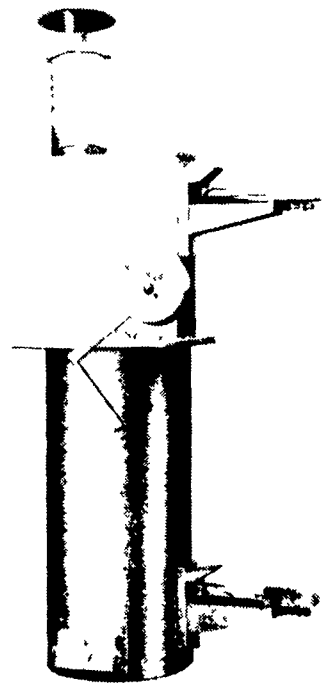

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Fighting the Colorado potato beetle

NEWARK, DE – The Colorado potato beetle is a serious pest that plagues home gardeners and commercial farmers alike. While potatoes are its major host plant, it also feeds on crops such as peppers, eggplant, tomatoes and tobacco, and on weeds such as ground cherry, jimsonweed and horse nettle.

"This insect has quite an impact on human affairs," says University of Delaware extension vegetable specialist Ed Kee. "Besides being destructive, its reputation has been used for propaganda purposes. Hitler's Ministry of Agriculture tried to inflame German forces against the British in World War II by accusing the British of dropping the larvae from planes onto German potato production and storage areas.

"And during the early years of the Cold War, the Soviet Union accused the United States of dropping the bug on farms in East Germany, Poland, and Czechoslovakia. Actually, the beetle arrived in Europe as the result of the humanitarian food-relief shipments from the U.S. after World War I."

The Colorado potato beetle was first found by explorers on the Eastern slope of the Rocky Mountains in the early 19th century. It fed on sandbur and didn't become an important crop pest until the 1850s when potatoes were planted in the West.

"Once potatoes reached the beetle," says Kee, "it started spreading east, reaching Illinois in 1864, Ohio in 1869, and the Atlantic Coast states by 1874."

The first chemical used against it was Paris green in 1865; scientists are still looking for an effective control.

"The Colorado potato beetle has the frustrating ability to develop resistance to chemical insecticides, usually within a few years from initial exposure," the vegetable specialist says. This fact has implications for commercial growers as they try to develop control strategies against it. Understanding the insect's annual life cycle is also helpful.

The adults overwinter in the soil at a depth of 6 to 8 inches. They come out to feed on newly emerging crops, mate, and the females deposit their orange-yellow eggs ont he undersides of leaves.

Each female nurtures several batches of eggs until about 500 are deposited over a four- or five-week period. Then overwintering adults die. It takes four to nine days for the eggs to hatch into reddish, humpbacked larvae.

The larvae are fast growers, going through several stages, or instars, to become full grown in two or three weeks. They then pupate in the soil for five to 10 days, emerging as a new generation of adults. Because of the beetle's extended egg-laying period, all these stages may be found at the same time. In the Middle Atlantic region, two generations occur each summer.

To keep the beetle from developing resistance to control materials, Kee says commercial growers must rotate applications of insecticides from different chemical families.

Synthetic pyrethroids (such as Pounce, Ambush, or Pydrin) should be followed by insecticides of another family such as the organophosphates (Guthion). (Specific recommendations are listed in the extension bulletin, "1985 Commercial Vegetable Production Recommendations," which is available for $2 from University of Delaware county extension offices in Newark, Dover and Georgetown.)

Kee suggests home gardeners with relatively small plots remove the larvae or beetles by hand and destory them. In larger home plantings, use Sevin, Imidan or other pesticides labeled for that purpose and available at garden supply centers.

"Always follow the label's instructions on all pesticides," the specialist advises. "Use recommended precautions to prevent exposure to chemicals, and observe specified delay days to harvest."

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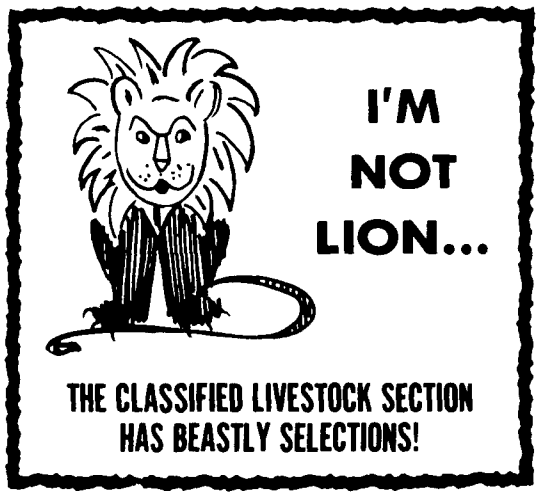

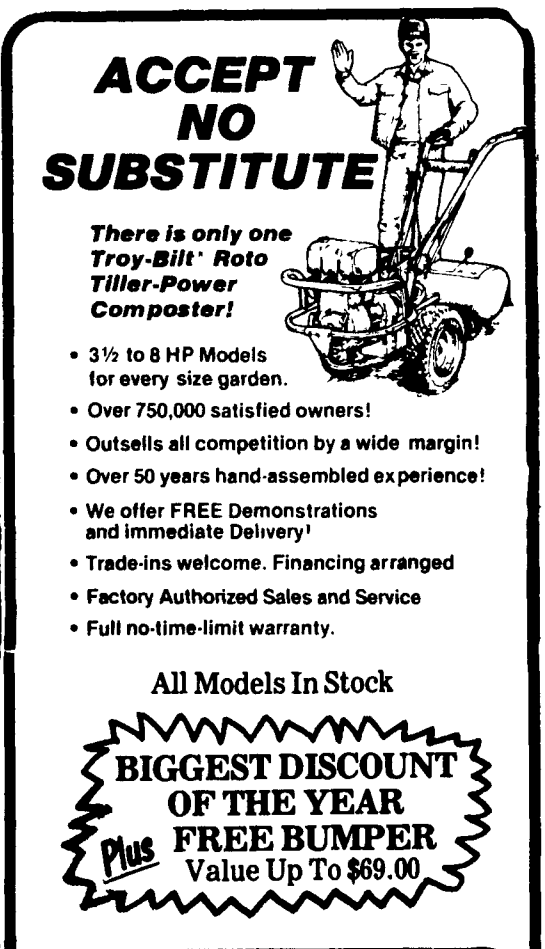
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Even with a tractor:

Drive defensively and use good lights

NEWARK, DE – Farmers are on the move now that the growing season is under way–driving tractors and hauling planters and other slow moving equipment from field to field. This travel can entail some serious hazards when it takes place on public roads. To avoid accidents it pays to be cautious, and very visible, which requires more on that equipment than just a fluorescent, reflective triangular SMV emblem.

"Your best bet," says University of Delaware extension safety specialist Ron Jester, "is a rotary or strobe light mounted on top of the tractor cab." Standard emergency lights should be used, too, along with SMV emblems.

"Statistics aren't in your favor when you leave the field for the road," the specialist says. "The average farm tractor spends only one out of every 23 operating hours on the road, yet that's where one-third of all tractor accidents occur." What's more, two out of every three highway accidents involving slow moving vehicles are rear-end collisions.

Mixing 20 mph traffic with 50 mph traffic is always dangerous. Motorists who come upon a slow moving vehicle must react quickly. Helping them realize it's slow moving gives them more time to adjust speed and direction to avoid a collision. Accidents can be prevented, Jester says, if motorists recognize the SMV emblem and respond accordingly, and if farmers take care to place clean, reflective SMV signs on trailing equipment.

"Some highway situations are more hazardous than others," Jester says. "For example, on hills, curves, narrow bridges, and primary roads, warning lights and emblems may not be enough." In these cases, he recommends using an escort and trying to schedule moves at times of low traffic flow.

The following safety recommendations are taken from an extension publication, "Motor Vehicle Laws Affecting Farmers in Delaware." Jester advises farmers to follow them carefully when driving slow moving vehicles on public roads.

* Observe all traffic laws. Farmers have the same rights and obligations as other drivers.

* Maintain all operating lights and reflectors required by law and use them at all times on the highway.

* When five or more vehicles are backed up behind a slow moving vehicle, its driver should allow them to pass whenever there is room for a safe turnout.

* Stop before leaving an alley, driveway or private road and yield right of way to any pedestrian or vehicle approaching the roadway.

* An SMV emblem is for the farmer's safety. The federal Occupational Safety and Health Administration (OSHA) requires this emblem to be properly attached to all slow moving equipment operated on highways.

* Use a seat belt if the tractor or self-propelled equipment has a roll-over protection structure.

* Allow only licensed drivers to take farm machinery on a public road.

* Never carry an extra rider.

* Before entering the road, check the tires, safety hitch pin, and any equipment being hauled for proper transport position.

* If something goes wrong, carefully pull to the side of the road and set up flares or a reflective triangle as a warning to other drivers.

"The hazards of mixing slow moving farm equipment with regular traffic are obvious," Jester says. "The solutions are not. But by taking the precautions outlined above and by restricting roadway travel to off-peak hours, most highway accidents with slow moving vehicles can be eliminated."

Hoof trimming demonstrations scheduled

LANCASTER – Strong, healthy feet and legs are essential to a good, healthy, productive herd. If cows' feet and legs are weak, or throbbing with pain, they won't eat well. This results in loss of flesh and production, poor conception, and possibly premature culling of the cow from the herd. That's costly!

Foot problems can be the result of: poor genetics, improper feeding, or infections and injuries caused by undesirable environments or inadequate management.

Some leg problems can develop as a result of foot problems which cause cows to shift their weight and walk improperly. Some foot problems, if left unattended, can affect cows' joints, and their entire system, and they might persist for a lifetime.

There are several things that can be done to help prevent or correct these problems, or to give cows some relief from them. Hoof trimming is one.

Periodic trimming - perhaps twice a year - should be a routine practice in your dairy herd management program. It helps you spot problems before they become too severe to correct; this can add years to a cow's productive life. In addition to these routine trimmings, additional trimmings may be needed for some problem cows.

Barn Meetings

Two barn meetings have been scheduled for Thursday, June 20 to demonstrate and discuss hoof trimmings. A small fee will be charged and reservations will be accepted on a first-come basis.

For more information and reservations, call the Penn State Extension Service at Lancaster (717-394-6851).

Times and places of the barn meetings are: 1 p.m. at Ken and Jere Skiles', Narvon; and 7:30 p.m. at Dale Herr's, Kirkwood.

James Shaw, Oley, will demonstrate "Preventive and Corrective Trimming." "An Explanation of Foot Problems" will be presented by Dr. Richard Bartholomew, New Bolton Center, School of Veterinary Science, Kennett Square.

Chester Co. appoints Crop Management technician

WEST CHESTER – Thomas Cochran of Sadsburyville, Chester County, has been chosen as the field technician for the Chester County Crop Management Association. In making the appointment, the county Crop Management Association board of directors commented on Cochran's qualifications for the job.

Cochran has experience in the farm crop service business, working for many years with agricultural service firms in Southeast Pennsylvania region.

Cochran will be in the field by June 3, servicing the members who have already joined the organization. Services to be offered by the Chester County Crop Management Association will include, soil testing, weed, disease and insect scouting, individual field record-keeping, yield checks, field measuring, calculating field nutrient balances, sprayer calibration, and assistance in planning crop production needs.

Membership applications can be obtained by calling the Chester County Extension Service at (215)-696-3500.

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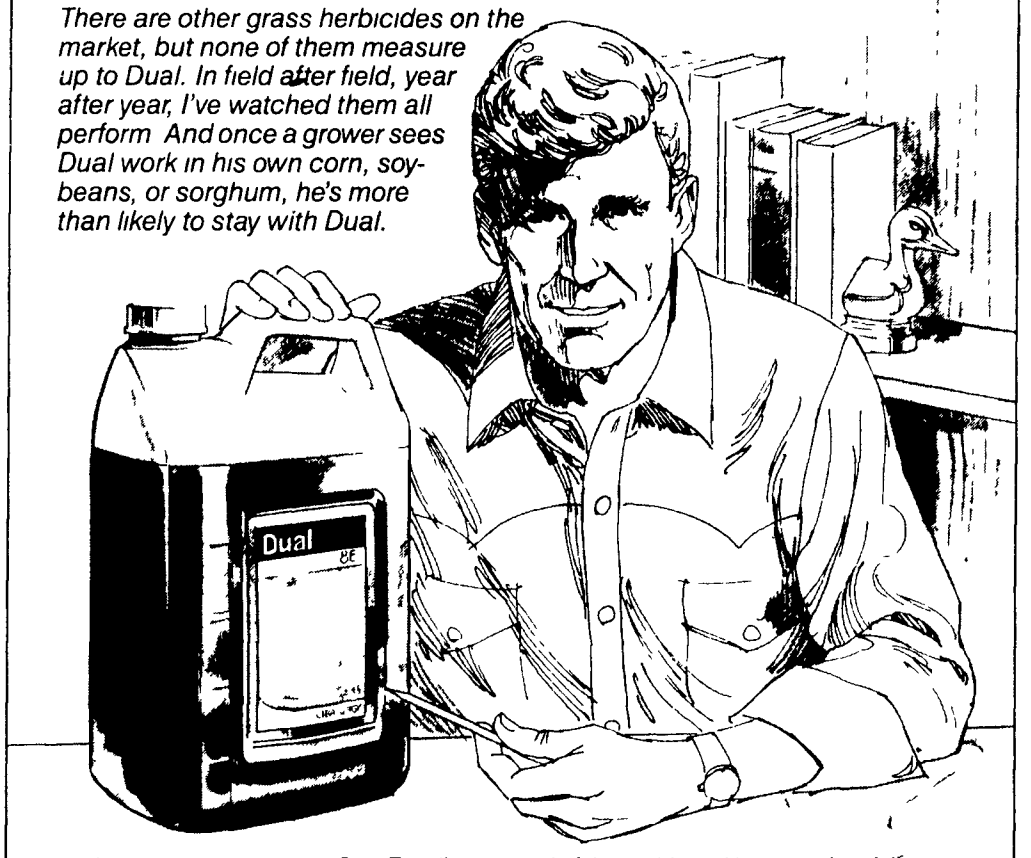

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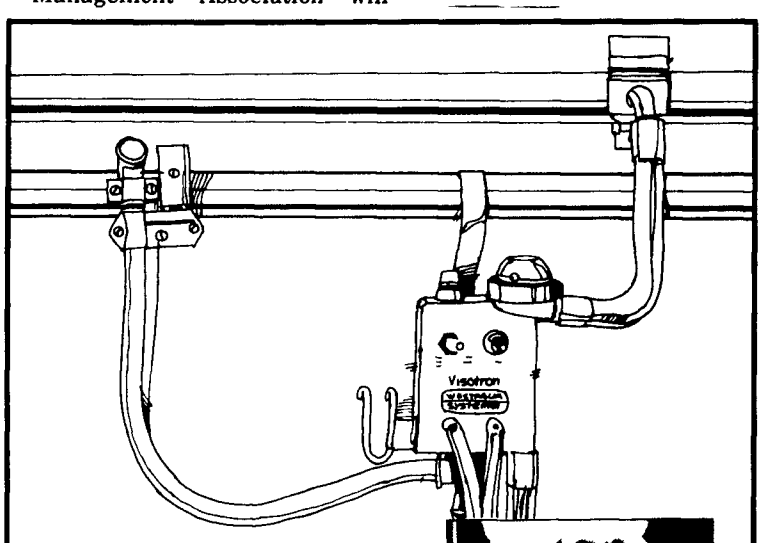

Westfalia Introduces Visotron With Vacuum Arrestor

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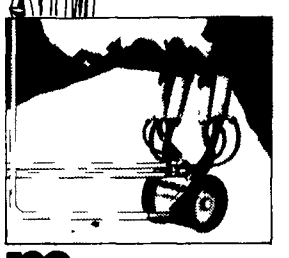

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2 - Farm Equipment Wanted
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7 - Livestock Equipment
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9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
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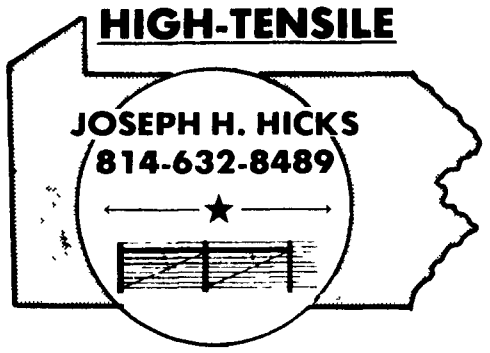

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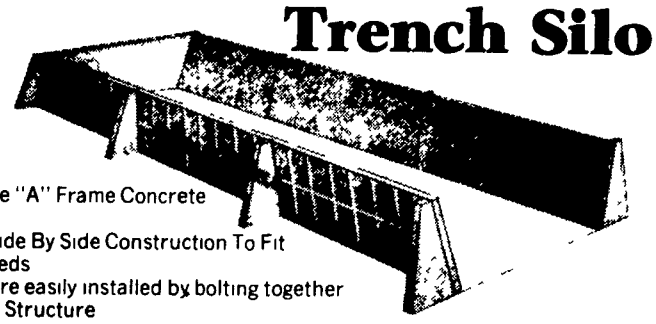

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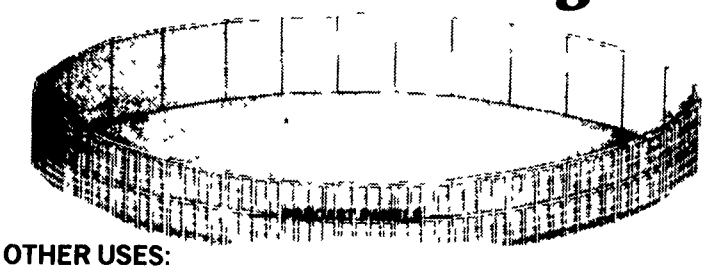

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30 Head of mostly purebred Holsteins Lovely udders & real good type. Most all 1st & 2nd calf heifers. Sires Valient, Conductor, Tempo, Sexation, Tradition, Milestone, Milk Master, Chairman, etc. Most all bred for June, July & August freshening. All or your choice. 301-733-7281

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FOR SALE: Yearling Simmental bull-Keep It Clean, X Signal Breeding. Polled, ready to work. $1,200 Far Hills Farms 201-234-0728 eves

FOR SALE 1 Grade Holstein due in July, $900 Call 215-932-4194.

FOR SALE 22 Reg. Hol. dairy cows, calfhood vac., TB & bangs accredited. 6 to freshen in June, 4 in July, some just freshened 717-374-8898

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For Sale: Angus bull. Son of Big Sky out of a Mr Angus daughter Frame score 6 5. Yearling weight 1095# $950 215-857-2168

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Berks County Wool Pool, June 29, 1985, 8 a.m., White 53.8 cents, Black 47.5 cents, less handling, no tage dirty or wet wool at Boscov's North Fairgrounds Building

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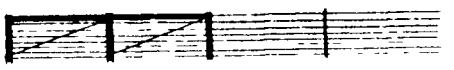
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JUNE 22, 1985
7:00 P.M.

Duroc - Crossbred - Landrace - Yorkshire

Lebanon Fairgrounds, Lebanon, Pa.

Auctioneer - Harry Bachman
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90 BRED GILTS

Handmated due June 24th thru early August. Sired by & carrying service to top tested boars. Duroc gilts carrying service to "Angle 29.3" (2.70 ADG .79 BF, 5.49 Loin, 201 Index)

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11 SWINE

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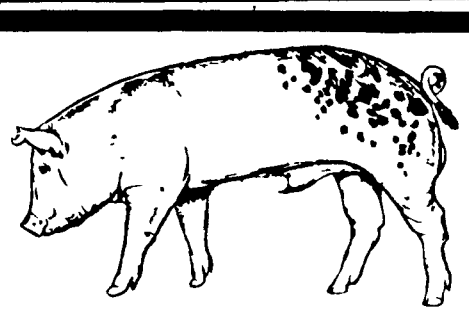

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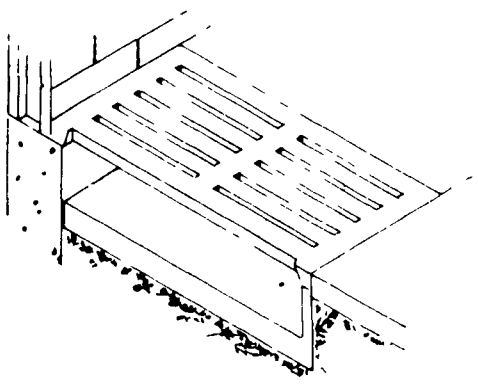

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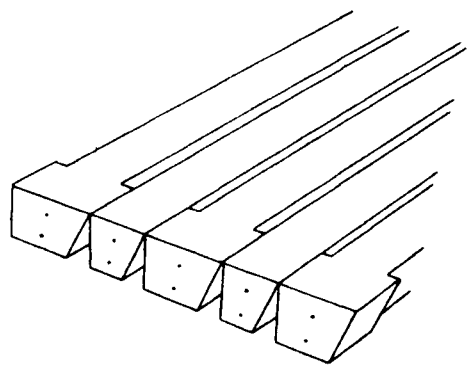

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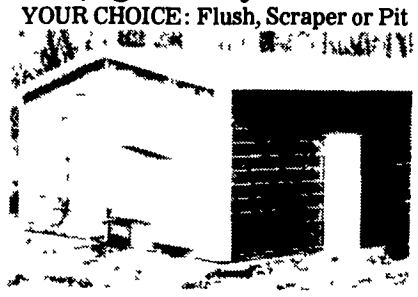

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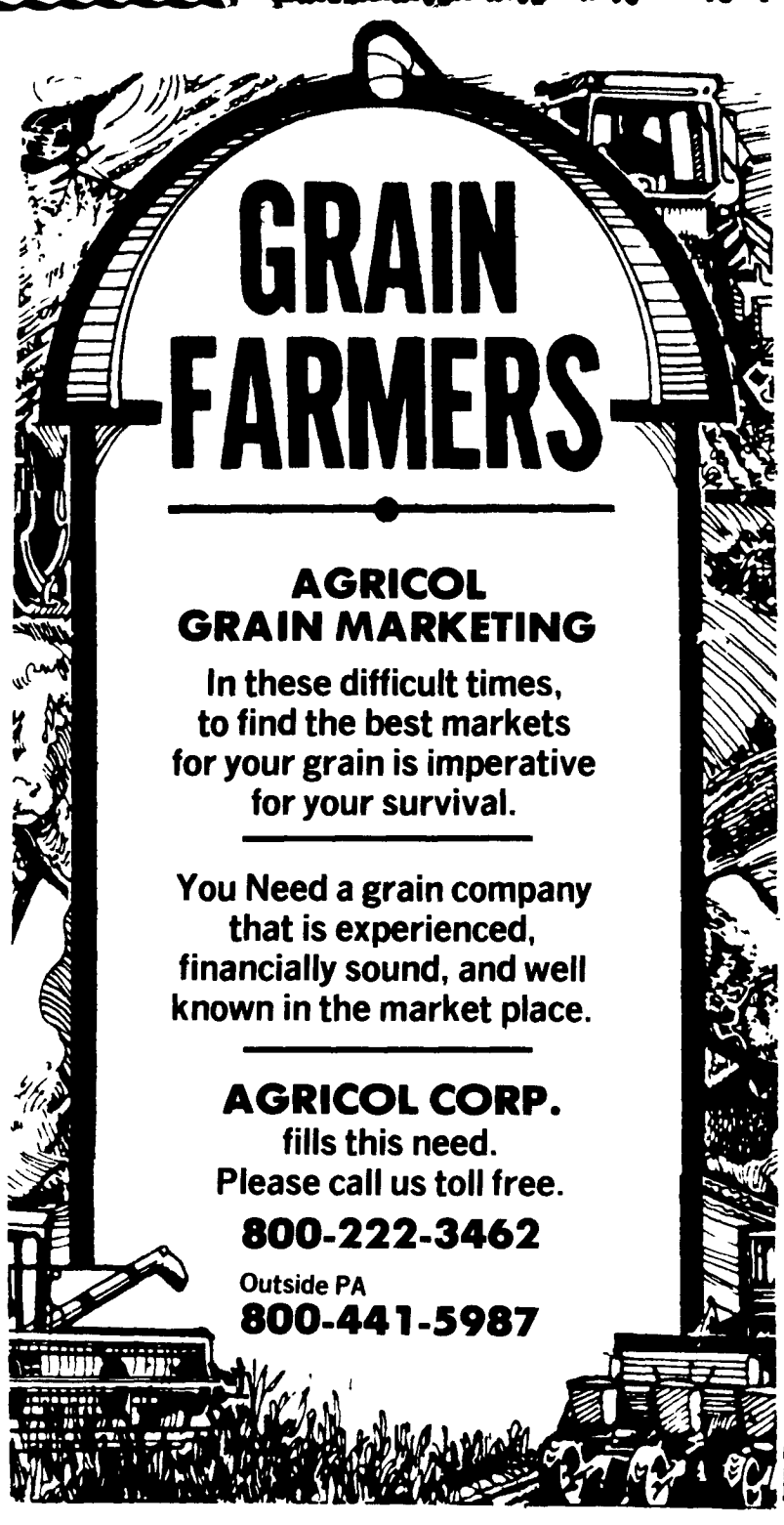
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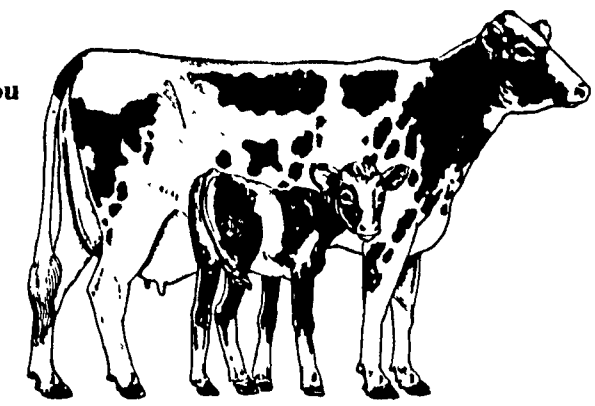
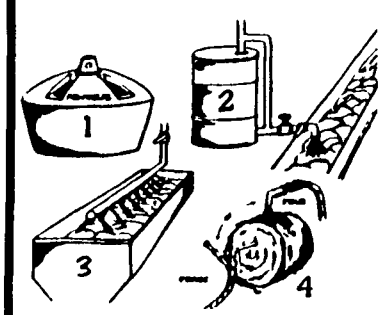


In a few days this cow will be part of your milk check. She must be supplied with essential nutrients to insure she milks at her potential. MOL-MIX/LPS can help round out your feeding program by insuring she will get what's needed.



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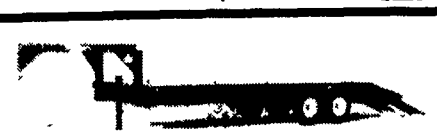

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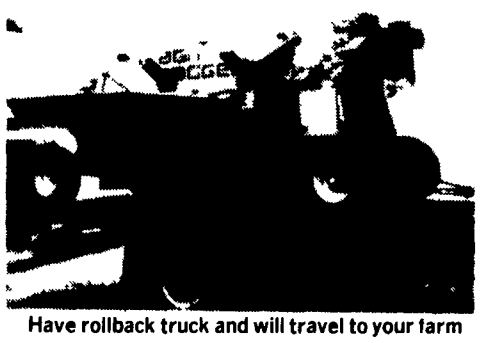

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4 3/4x5 bales 1200 lbs.
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Experienced farm hand for New York beef farm. Mechanical ability necessary. Good salary, benefits and housing. Call 914-631-1154 daytime, 914-631-6090 evenings.

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Fulltime summer help needed by young farm couple on a progressive dairy farm. Prefer high school or college age person. Milking 130 cows w/modern facilities, room and board, salary and time off. Best time to call is evenings after dark. Mt. Airy, MD. 301-865-3146

Fulltime person for milking and general farm work. Housing a possibility. Montgomery County 215-723-9176 or 215-723-8337

HELP WANTED: Experienced person to work on dairy farm. Position includes mostly feeding and field work. Required to do occasional relief milking. Wife must be able to help milk and feed calves every other weekend. House, heat, and other benefits available. References required. Northern Lancaster Co. 717-733-1050

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150 purebred sow operation needs herdsperson with management capabilities. Salary and benefits Contact Frank or Julie Feeser, Box 372, Taneytown, MD 301-751-1287

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Attractive compensation program, opportunity for advancement, and personal recognition available.
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farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call:
Animal Medic, Inc.
717-266-5611

TOP SALES OPPORTUNITY
Expanding farm & light industrial building company has opening in Hagerstown, MD/ York / Adams / Cumberland Counties area for aggressive salesperson
Straight commission and car expenses, paid vacation & hospitalization Unlimited earnings depending on your desire to get ahead Must have some sales or construction experience
Send Resume to
Richard S. Kline
Red Rose Building Systems
P.O. Box 56
Ephrata, PA 17522

SALES MANAGER And FIELD SALES PERSON
Needed By Expanding Farm Equipment Distributor Selling Proven Top-Of-The-Line Products To Established Dealers And Customers. If You Have A Proven Sales Record And Are Particular About Details, These Positions Can Be As Rewarding As Any Available In Today's Market.
Send Self-Prepared Resume In Confidence To:
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P.O. Box 366, R42
Lititz, PA 17543

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Lancaster Farming is looking for some good free-lancers.
We would like to expand our staff of free-lance writers throughout the Northeast and Middle Atlantic regions. We pay excellent rates for top-quality writers.
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Jim Everhart, Editor
Lancaster Farming
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Lititz, PA 17543
Lancaster Farming

ASSISTANT OPERATOR-PREMIX PLANT.
A Lancaster County feed premix company is looking for a person to assist with blending and material's handling. This person must be able to handle sophisticated weighing and blending equipment. Experience desirable. Salary plus a generous benefits package. Interested persons should reply by sending name, mailing address, phone no., and a short description of qualifying work history and experience to:
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P.O. BOX 316
LITITZ, PA 17543

23 HELP WANTED

Christian man to work on Lebanon Co. farm. Milking cows & field work. 717-865-4588.

DAIRY/SWINE
employers pay us to find the people they need. Related exp. required.
Nationwide.
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AGRIcareers
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IMMEDIATE OPENING
available on modern registered Holstein dairy farm in Northeastern Pa. Experience in milking and field work necessary. Salary, housing & extras. Send resume, personal character & work references to:
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PO Box 366-L-63
Lititz, Pa. 17543

24 SITUATIONS WANTED

Family man seeks position on modern dairy farm, 7 yrs. experience in cow management and field work. Must have room for 14 registered Holsteins and some YS 717-944-0396.

Family with herd wanted, have stall facilities, join workout financial arrangements, working farm, housing available. Box 93, Denver, Pa. 17517

Retiring Dairy farmer needs family to carry on. Jefferson Co., 814-427-2189, after 8 p.m.

25 BUSINESS OPPORTUNITIES

John Deere is looking for people with experience interested in investing in and managing a John Deere agricultural dealership in the Bloomsburg, PA, area. Those interested, please send qualifications or inquiries to: Mr. Henry Schwabrow, John Deere Co., P.O. Box 4949, Syracuse, NY 13221. 315-432-9300.

Salesperson to sell farm seed, at the farm in Lancaster County, south of Rt. 30. Basic farm background and knowledge required. Contact: Reist Seed Company, Box 155, Mount Joy, Pa. 17552. 717-653-8078

Seed Cleaning Operators needed to clean small grain in regional areas of Lancaster and surrounding counties, must have own pickup Reist Seed Company, Box 155, Mount Joy, Pa. 17552 717-653-8078

27 PETS

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802.

WANTED
Quality puppies & kittens. We pay top prices. Call Russel Ford at:
609-327-3880

AKC collie pups. 717-509-3859

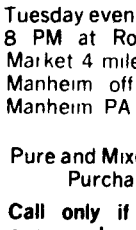
Australian Shepherd puppies, solid blacks and reds, only 3 left, 7 wks. old and wormed. 717-385-3023.

FOR SALE: Australian Shepherd pups, excellent cattle and good protective dogs, 6 wks. old May 24. Located between Kirkwood & Bartville. Along Ridge Rd., Lanc. Co. Abner G. Stoltzfus, RD1, Box 220, Christiana, PA 17509.

Registered border collie pups, 8 weeks, good working stock. $75 each. Jacob S. King, Prospect Rd., Box 24, Strasburg, PA 17579. 717-687-6451.

WANTED: Female llama. Sterling, CT 203-564-2579.

CATAHOULA KENNELS
Catahoula leopard stock dogs for sale For your farm or home Good guard dogs family dogs and excellent herding dogs This dog has the instincts and experience of the early settlers Assorted colors available
215-493-4900
Ask for Ed or Sue


WANTED Puppies For Pets
AKC, Purebred, Mixed Litters
Stud service for most breeds Transportation provided Basset, Beagle, Boxer, Boston, Cocker, Collie, Chow, Dalmation, Doberman, Eskimo, Fox Terrier, German Shepherd, Golden Retriever Husky, Labradore, Lhasa, Mastiff, Poodle, Shih-tzu, Sheltie, Schnauzer
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Paradise, PA 17562
717-442-4259

PUPS WANTED
I Need 275 Pups Tues., June 4
This will be my last Tuesday until July 16. So, if you have pups to sell, get them over!

NOTICE!!!
Pup Stand Will Be Closed June 11 to July 16.

PUPS WANTED by Jo Jo The Dog Man
$ Top Dollar Paid $
I need puppies to 8 weeks old every Tuesday evening from 5-8 PM at Root's Farm Market 4 miles south of Manheim off of Rt 72 Manheim PA

Pure and Mixed Breeds Purchased

Call only if you have pups on hand before 9 a.m. at this toll free number
1-800-524-1348
after 9 am call
609-452-8903
For best results

$ $ $ $ $ $ $ $
MONEY FOR PUPS
in litter lots for resale in my pet shop. Will pick up Cash paid.
Call
Charlie Hackett
mornings.
1-215-924-8882
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32 MISCELLANEOUS

BEE OPERATION
Fine operating Honey Co. in central Virginia Sourwood country Complete honey processing equipment including ertractors, storage tanks & full bee keeping supplies. Also, large inventory of sourwood honey. Contact Harry Moore, Appomattox Honey Co., Rt. 6, Box 51, Lexington, VA. 24450. Phone 703-463-4202.

FOR SALE: New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by appointment. Myers's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169.

Good used spring wagon, hyd. brakes; 1 good used skill saw. Aaron S. King, 2005 Pioneer Rd., Lancaster, PA 17602.

HD5 Crawler loader w/new under carriage. HD6B dozer. (Extra good units.) Other crawlers, D2 thru D10's, loaders, graders, cranes. Mr. Read, 717-354-9629 evenings.

Keller Sensenig, RD 3, Ephrata Wood Shavings, some dust, good free stall bedding. 215-445-6164.

Kewanee hydraulic truck dumper, Model DN-50-2-WC-GL, non-scale, grade-level-type and steel deck, rated capacity, 100,000 lbs., 52' long. Two Durand dump tanks, 5'9" wide, 3'6" high, 54' long, includes discharge elevator. 717-397-6141 attention purchasing.

Pole Buildings 24'x40' completely erected $3,999.00. Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 Call Anytime.

Power hack saw $65.; Rockwell 12-14 saw; jointer; metal lathes; all kinds machinery. 215-544-2424 after 7 p.m. or Sunday

RON STROHECKER'S BEEKEEPING SUPPLIES: 1 mi. S. Loyalton on Oakdale Station Rd. 717-362-9535. Commercial frames. 50 frames, $27. 100 frames, $45. 12½ lbs. Duragilt foundation. Low prices on complete inventory.

Single plow and cultivator for AC-B, $100; Hammermill, $150; corn sheller, $100 both; belt driven, 300 gal. skid tank, $125; two electric start riding mowers, as is, $150 pair. Phone 717-944-1378.

WANTED: Information for documentary history of READING FURNACE (1736-1778); FORGE (1786-1811) on French Creek, Chester Co., PA.- Journals, Daybooks, Account Books; Map/drawing of furnace complex; old photographs of mansion; paintings or silhouettes of Wm. Branson, Samuel or Rebecca Flower, Richard or Hannah Hockley, or Hannah Wayne Vanleer (18th C. Philadelphians). Will copy or purchase. Call 215-879-0900 (day) or 215-469-6977 (evening).

100 yr. old bank barn, 60x75, good condition. Best Offer. Harrisburg area. 717-564-3038

32 MISCELLANEOUS

Approx. 75 locust posts, 7' long. Amos A. Zook, RD2, Box 2291, Gap, PA 17527.

Bandsaw blades made to order. Wood, metal or meat cutting. UPS shipping. 717-733-0511 Martin's Sharpening, R.#1, Ephrata, PA 17522

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Bought and sold new and used cardboard boxes, drums Pint, Quart & Gallon Containers. Reliable Recyclers, 178 Greenfield Road, Lanc., PA, 17601, 717-397-7695

CASH for your piano or sell on consignment. Call Ken at 717-392-3233

FOR SALE. Tin roof, free for removal 717-665-5746 or 665-5760

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Good locust posts for fencing and landscaping. Fully seasoned, choice in sizes and prices. 717-755-5587 evenings

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35 TRUCKS AND TRAILERS

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WOLF FORD TRUCK CENTER

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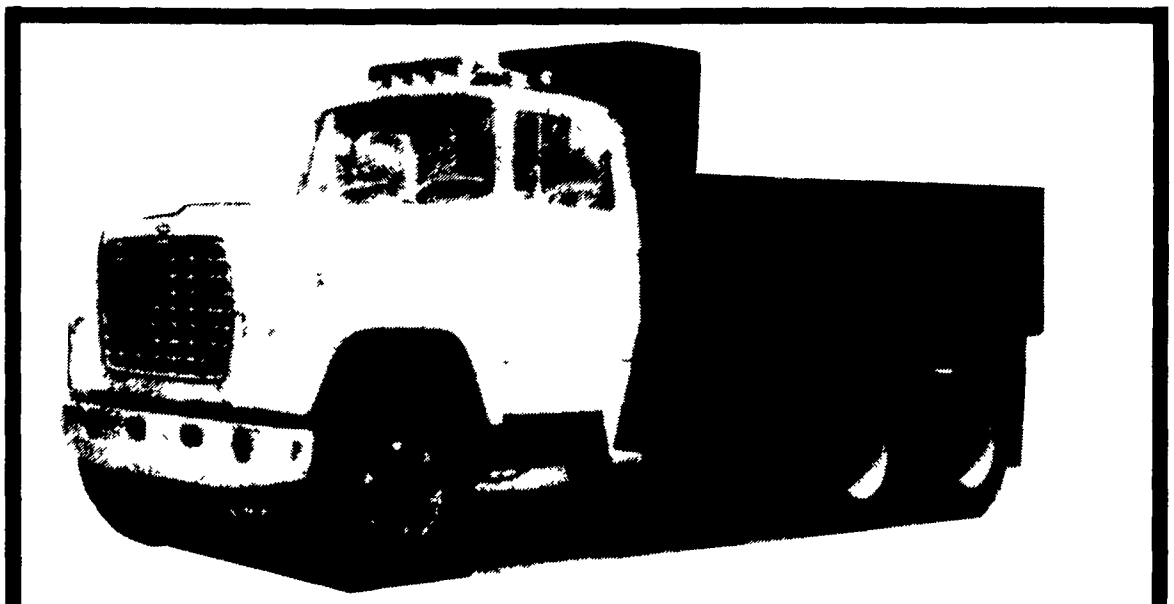
SUPER DUTY DUMP

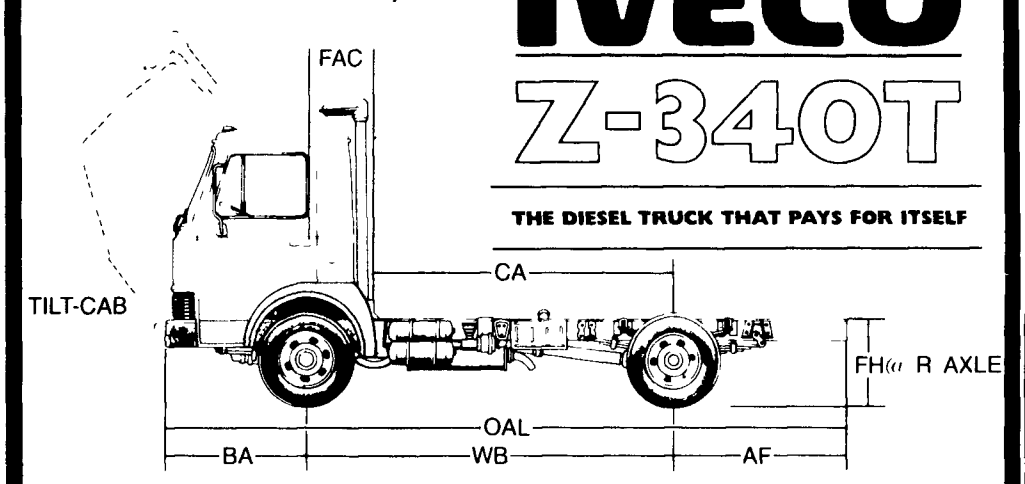
Chassis In Stock

LT9000

60,000 GVW



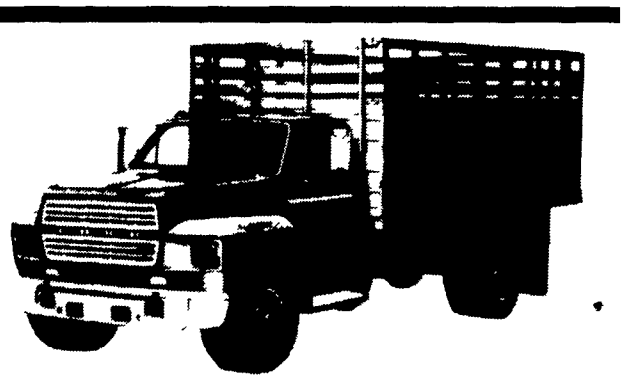
IN STOCK!



IVECO

Z-340T

THE DIESEL TRUCK THAT PAYS FOR ITSELF



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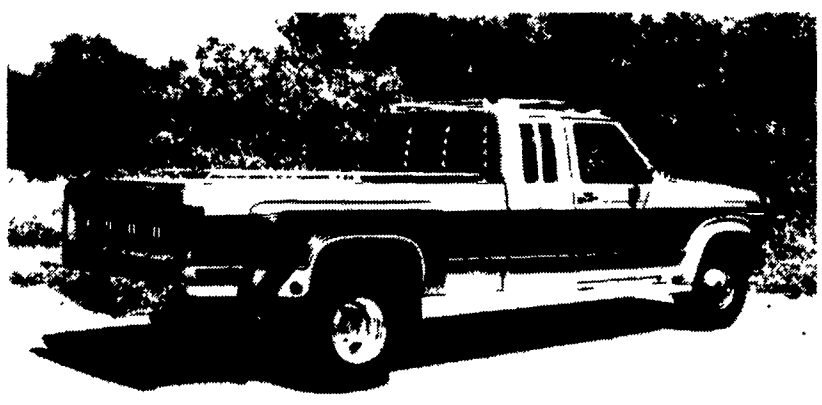
- We have diesel pickup trucks in stock!
- Full line Truck Dealer - Ranger to CLT 9000 Diesel
- Good selection of Used Trucks.



1985 Ford 14' Parcel Vans In Stock

1985 Ford F350 1 Ton Dump On The Way

1985 Ford F600 And LN8000 Chassis Coming Soon

Centurion

460 V8 Gas
6.9 V8 Diesel

CENTURION

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WOLF MOTOR COMPANY

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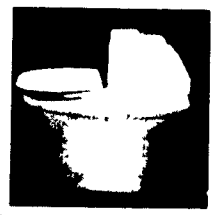

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30 favorite dessert recipies, grandmother's farm cookbook. $3.00 Desserts, Box 28, Dept. A, Reynoldsburg, Ohio 43068.

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YES!! ENGLE DOES MAKE IT EASIER!!
84 Ford Ranger Truck 4 Cyl., 4 Spd., AC, Topper, 1 Owner, Only 11,000 Miles
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82 Datsun King Cab, 4x4 Truck, 4 Cyl., 5 Spd., AC, 1 Owner
79 Toyota Long Bed 4x2 Sport Truck, 4 Cyl., 5 Speed, Custom Stripes, Nice Little Truck.
(2) 78 Ford L-N 8000 Cab & Chassis, Cat 3208 Engine, Diesel, 5 Spd. Over 2, A Title, 186" Wheel Base. Hard Find.
68 International Dump, 5 & 2 Speed.
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32 MISCELLANEOUS

14 Battery chargers for forklifts, 36, 18 & 12 volts, $300 and up 215-646-9057 or 215-542-7980.

2 door upright display freezer, like new Chester Co Call 215-857-5053 or 857-3621

33 RECREATIONAL VEHICLES

For Sale. 1979 23' Coachman Travel Trailer, self contained, sleeps 8, roll-up awning, E-Z levler jacks, lived in 2 weeks, garaged indoors, above excellent condition. $6,000 717-334-7524 Adams County

35 TRUCKS AND TRAILERS

34 AUTOS

'80 Chevy Caprice Classic S W diesel, w/air, tilt wheel, good condition. $2,800 717-273-6018

35 TRUCKS AND TRAILERS

CATTLE TRUCK, 1979 GMC 6000, V8, 2 PSD rear, PS, 900x20 rubber, 48,000 miles. Eby 12' body w/alum floor, roof, frontend and all corner beams, wood sides, tailgate and rollup gate, loading racks, electric wench, suitable for cattle or horses, all in excellent condition. New cost over $24,000. Asking $10,800 Call evenings between 7 and 9 p.m only 201-369-4784

FOR SALE: Cattle Truck, 1972-C600 Ford, all aluminum Eby body, 361-5+2SP trans. rear, excellent tires, PS, all new brakes, excellent heater, runs very good. It may need some rear end work. 717-838-1294 or 838-9775.

FOR SALE: 22' Morgan Grain body w/twin post hydraulic lift, good condition. Make Offer. 717-485-3525.

Ford 1977 LN800 391 V8 5&2 w/22' Duralight van body. Int. 1980 1854 466 dsl., 31,000 GVW, 15' flat steel body. Int. 1977 1800 446 V8, 5&2, 30,000 GVW. 301-877-9889.

Ford 900 5 speed, good tires, repainted, $2,250. Phone 717-569-6738 evenings, 717-393-1301 days, 8-5.

For Sale: Cat D6B angle dozer, electric start. New engine overhaul, new pin and bushing. $12,900. Air brake tilt - top trailer, pindal hitch, 10x15 tires. $2,900. Phone 304-735-3352

For Sale 1975 Int 2010 Fleetstar hay truck, new paint, new tires, rebuilt engine, air brakes Excellent. Chester Co 215-869-3372.

GMC windowvan, 1977, runs excellent, newly painted, automatic transmission, $2,195. 201-697-2910.

Hay Trailer, 45' double axle drop deck (for single axle tractor). Also (2) 24x24 canvases, chains, hoist, (6) mounted tires, 4 batteries etc 201-454-4123 or 607-865-4315

IH R-170 14' grain dump, 5x2, VG condition. $950 301-833-9091

Moritz 1985 stock trailers, 6' wide, 7' high, $2,150 and up. Trailers in stock, will also special order Lewistown 717-242-0941

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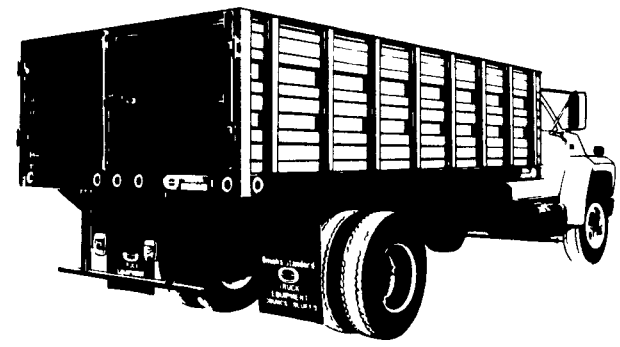
18' Van Body R.U. rear door 717-263-4475 Franklin County

1972 Ford 2SP, air brakes, 30,000 GVW, 18' combination grain & cattle body w/hoist, good condition 717-665-3413

Solid Stake Sides



Omaha Standard's solid steel stake sides are designed for confined cargo or bulk hauling, and are ideal for landscapers, trash haulers and contractors. They fit both our Standard and Metro platforms and come in heights of 28", 40" and 52" These sides are available with the standard solid front or an optional steel bulkhead with full width mesh window

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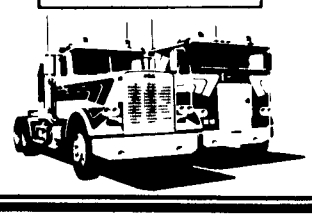
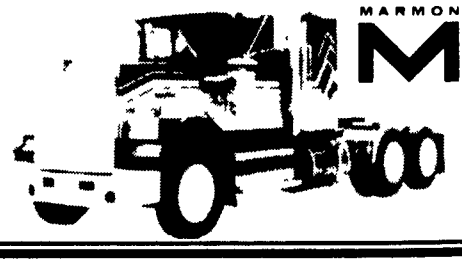
1982 F613 Volvo, White Diesel, 174 HP, 5 Speed, 29,000 GVW, $12,500
1980 F611 Volvo, White Diesel, 174 HP, 5 Speed, 24,500 GVW, 16' Ref. Unit
1979 F613 Volvo White Diesel, 174 HP, 6 Speed, 29,000 GVW, 15' Ref. Unit
1977 Pete COE NTC 350, 15 Speed
1979 Conv. FL Red NTC 400 15 Spd., 40" Sleeper
1970 COE Int. White Diesel, 6-71 238 HP 5/2 Speed, Single Axle
1968 COE Int. Green Diesel, 335 Cummins, 10 Speed, Reyco Susp.

NEW
(2) 1985 Freightliner Conventionals, 60" Sleepers
1985 Marmon conv. NTC 400, 13 Spd, 36" Sleeper
1985 Mercedes L1317/51 White Diesel 168 H.P., 5 Speed, 30,000 GVW, 22' Dry Van
1985 Mercedes L1117/59 White Diesel, 168 H.P., 5 Speed, 25,000 GVW

FREIGHTLINER TRUCKS



Coming Soon
New Mercedes LPS 1525 Tractor and New Freightliner Med. Conv.



MARMON

35 TRUCKS AND TRAILERS

1973 C-65 truck, 18 ft. insulated van body, rear roll-up door, 4 speed trans., 2 speed rear, good condition. Lanc Co 717-354-7739.

1973 cab over Peterbilt tractor, 903 w/10SP. 1976 Mack R Model tractor, 300 maxidyne w/5SP. 215-822-1720.

1974 Ford LT9000, Cummins 13SP, 12,000 frt., 38,000 rears, 10x20 tires, PS 717-354-4616, Ext. 42.

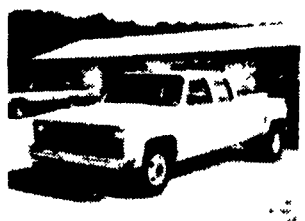
1977 Ford F600 w/15 aluminum cattle body, 5 spd. transmission, 2 spd rear axle. 201-475-4656

1977 Ford Loyisville 800, chassis, 27,500 GVW, 391 engine, 5+2 trans., 19,000 mis, air brakes, PS, just overhauled 717-786-7502

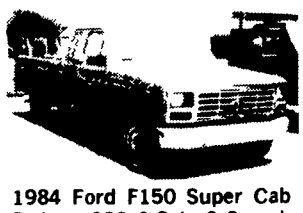
77 Int 1750B Gas tractor, motor bad Best Offer 301-838-8602.

'83 VW pickup, fuel ejection, front wheel drive, 5 spd w/over drive, 30,000 miles w/Eagle cap, like new $3,800. 717-273-6018 after 5 p.m

FOR SALE



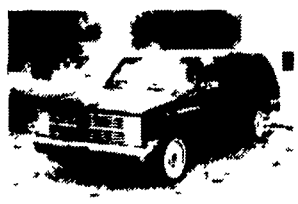
'85 GMC Dual Whl. Crew Cab Pickup, 6.2 Diesel, 4 Spd., PS, PB, Air, Camper Package, 10,000 GVW, Only 75 Miles.
$16,500



1984 Ford F150 Super Cab Pickup, 300 6-Cyl., 3 Speed, PS, PB, 17,000 Miles
$8,250

1983 Ford Ranger Diesel Long Bed 4-Speed, PS, PB, Sliding Rear Window, Tu Tone Blue & White, 25,000 Miles, Ex Cond
$5,250

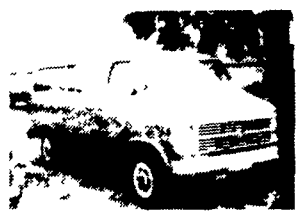
1980 Chevy Scottsdale C30 4 Wheel Drive Crew Cab, 350 Auto, PS, PB, AM-FM Dual Tanks, 40,000 Local 1 Owner
$9,200



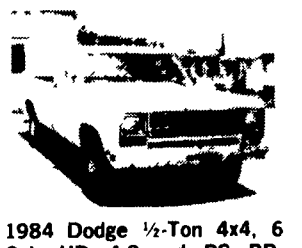
83 Chevy Scottsdale Suburban 6 Pass., 305 Auto., PS, PB, Air, AM/FM Cass Stereo, 34,000 Miles, Dark Brown
$8,950

1983 GMC Sierra Classic, Dual Wheel Cab & Chassis, 454 4 Speed, PS, PB, Air, 10,000 GVW
$8,950

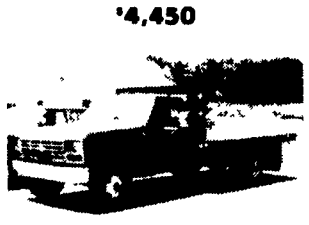
1980 Dodge D200 ¾-Ton Club Cab Pickup, 360 4-Speed PS, PB, Dual Tanks, 8500 GVW Trailering Package
$4,450



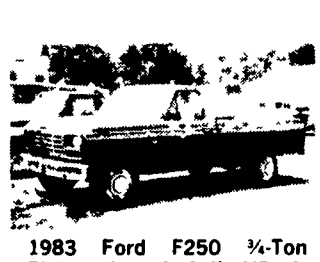
1983 Chevy Sport Van, 12 Pass., 350 Auto., PS, PB, 34,000 Miles, Ex. Cond.
$8,500



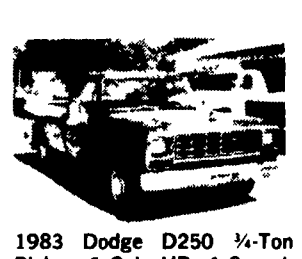
1984 Dodge ½-Ton 4x4, 6 Cyl., HD, 4-Speed, PS, PB, Radial Tires, 8,000 Miles
$8,250



1983 Ford F350 Dual Wheel, 12 Ft. Flat Bed, 351 4-Speed, PS, PB, Dual Tanks
$8,950



1983 Ford F250 ¾-Ton Pickup 300 6 Cyl., HD 4-Speed, PS, PB, 29,000 Miles
$7,400



1983 Dodge D250 ¾-Ton Pickup 6 Cyl., HD, 4 Speed, PS, PB, Air, AM-FM, Ex Cond
$6,950

A & J AUTO SALES
798 East Main Street - Rt. 322
Ephrata, PA 17522
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1974 Clark Feed Trailer w/Auger, 32'
1973 R-Model Mack

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USED TIRES
Truck, Farm and off the road. Most sizes available.
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evenings
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36 REAL ESTATE

For Sale Farm 28 8 acres of fenced pasture, 2 acre pond winding macadam driveway, 60x60 bank barn with open housing. 40x64 Agway implement shed 2 story contemporary solar design home. Everything less than 5 years old $389,500. Call Rick Clay, RILEY HORST REALTORS 717-273-0222, 9-5 PM.

35 TRUCKS AND TRAILERS

1977 IH cab over, 350 Cummins, recent inframe major, front rear and power divider rebuilt, 13 spd. trans., new power steering box and pump, air condition, inspected. 717-444-3038

1979 Chevolet tandem, 10" tires, 13 spd. transmission, Cat engine, air seat, tilt hood and steering, 25' flatbed, low miles. 301-734-6477

1985 aluminum and steel gooseneck livestock trailers. 301-582-2450

'71 Diamond Reo Conv., 8V71-318 Detroit, RTO9513, 30,000 mis., out of frame Major, eng. + trans., 12,000 frt, 38,000 rears, 4:11 ratio, hend susp., P.S., wet line, alum. budds frt, 8 new tires (no caps), new P.S. box, new batteries, also 35' Kentucky flat trailer, recent brake work. 215-383-5044.

'77 Ford COE 700 tractor w/40' front trailer. 301-879-1981.

For Sale Excellent location 12x60, 2 bedroom mobile home on farm in East Hempfield Twp. Double insulation All appliances and air conditioning can stay at this location 717-299-2209

For Sale 2 story frame dwelling with 1 acre in Tioga Twp., Tioga Co. Ideal for hunting camp or seasonal dwelling. Near Game Lands, 3 recreational lakes. $7,000. 717-537-6525

For Sale: 2 building sites, 13 surveyed acres each or 26 acres. Nice view, great hunting, open land and some trees, all blacktop road frontage. Electric and gas available 717-549-8152

GETTYSBURG: 46A working farm, fine old stone, brick house, 4BR, apartment, good barn, sheds, pond, $143,000. Maurice Weaver, Agent: 717-677-8507. COLDWELL BANKER REALTORS, Gettysburg.

Howard County, Maryland, 100 acres, barn, equipment shed, two houses, potential horse farm 301-442-2144.

If you are planning to buy or sell your farm, call Lawrence Stouffer, our farm manager at Heyworth Realty, 301-733-3701 or 717-597-2584. We have qualified buyers.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Modern operating dairy in Newberry, South Carolina. Rolling herd average 18,300, free stalls, machinery & cows included. 803-276-2895.

NEAR COCHRANVILLE: 27.4 acres, wooded and open, beautiful building site, southern exposure. $3,500/per acre. COATES REALTOR. 717-291-1542. After hours 717-354-9534

NEW YORK DAIRY FARM: $150,000. 4 silos, stanchions for 50 head w/modern farmhouse. Sandy loam soil, 110 acres, more to rent for $30 per acre. 2nd slip in house unit for additional monies. Contact: Willard Pengelly, Managing Broker, HARRIS WILCOX, INC. 716-494-1880.

NORTH OF ROUTE 30 NEAR ROUTE 10: 38.6 acres wooded ground, nice building site. $3,000/per acre. Owner Financing. COATES REALTOR. 717-291-1542. After hours 717-354-9534

PEACE AND SERENITY 75± acre farm, 56 tillable. Privacy in a 100 yr. old modernized 4BR farmhouse. Lg. bank barn, 2BR summer house. $135,000. Catawissa, 1½ hrs. N. of Lancaster. Call collect (Massachusetts) 413-253-2192, eves. & weekends.

Real Estate wanted commercial residential use existing business acreage and concrete or steel outbuildings a must. Reply to: Lancaster Farming, P.O. Box 366 K-68, Lititz, Pa. 17543. 609-398-8617 or 609-398-9820

Snyder Co. 33A, 10 clear. Secluded, nice. S.M. Troyer, Box 223, Mt. Pleasant Mills, PA.

SOMERSET CO., PA
FOR SALE
DAIRY FARM COMPLEX
2 mis. SW of Somerset, 107 free stall barn, 80x165', heifer barn 30x108', machine shed 40x80', 1800 ton maintenance free concrete trench. Plus Brick ranch style home w/attached 2 car garage Buildings of new type construction on 46 acres prime developing land. All for $276,000 Also milk store for lease 400 acres of land For Sale or Rent.
Phone 814-445-6841
Eves 814-445-2227

For Sale 60 acre Berks County poultry farm All or part. Excellent income. 215-562-7776.

FREE CATALOG! Describing numerous PA farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044 1-800-922-1235

GENERAL DAIRY FARM Bradford Co., PA. 219 acres, 2 homes, several barns, 3-car garage, outbuildings, 80-acre fenced pasture, 130 tillable acres, 3 apple orchards, all mineral rights, equipment included in the sale $150,000. No. D-7814 Jerome & Betty Kipp, R.E.S., 412-363-2110 WEST REAL ESTATE AGENCY, INC.

Wanted Operating poultry farm, layers. Other farms considered. Must be profitable. Owner financing required. Need two years experience to get permanent financing 717-755-4045.

WYOMING COUNTY Operating dairy farm, fully equipped, 474 acres, $790/per acre, approx 600 acres available, will divide, terms available Call Today. Ask for Amy Century 21 Rachels Real Estate, 74 E. Tioga St., Tunkhannock, Pa 18657. 717-836-3457

1,000 Island Area: Nice 400A farm on Lake Ontario, 2 sets of excellent bldgs, 1,000' shore frontage. Dairy-Beef-Horses-Whatever. Owner Financing. 315-649-2455. John G. Weiler, Three Mile Bay, NY 13693.

200 acres, 2 barns, 5 bedroom insulated home, grainary, 3 car garage, wood shed, poultry buildings, 2 ponds, creek, 80 acre woods, 80 tillable, 40 pasture, beautiful views, privacy, convenient $110,000. No reasonable offer refused! Bradford County, Pa. ENDLESS MT. REAL ESTATE, CO. 717-596-3228

23 Acres woodland, Huntingdon Co., $750 per acre. 717-653-1728

45 acre farmette, 3 bedroom house completely remodeled barn & other buildings in good condition Price Reduced. Eldon E. Funk, R.D.2, Newville, Pa. 17241. 717-423-6416

572A dairy farm, Jefferson Co., Georgia. (2) 70' silos, 100' bunk feeder milking parlor, 6 grain bins, 2 large machinery sheds, hay storage shed, 2 homes. Land joins Mennonite school & church $550,000. 912-625-7309.

About 150 yr. old log house, good condition Must be moved. 717-362-9233

FOR SALE BY OWNER: 8 acres, 2 BR house, 1 car garage, spring water w/pump. Northern Potter Co., PA. Hunting and fishing area. Inquire by mail or in person only. Mrs. Hazel Steadman, P.O. Box 104, Genesee, PA 16923.

FOR SALE BY OWNER: 10 acre farmette, (2) 2-story 44x300 broiler houses, 1 with automatic ventilation system, (1) 500 head fattening unit, 4 acres tillable with pond for irrigation. 1983, 14x70 mobile home Berks Co. 717-933-8044.

FOR SALE: 167 acres woodland, excellent hunting and fishing in Parkman, Maine. $100 an acre. 215-944-0247

For Rent: Dairy barn w/pipeline and etc, dry cow barn. 717-758-6632 or 717-758-2073

For Rent: 57 acres of meadow, good fences and fresh water. Will go in shares. Jonestown area 717-862-3731 or 865-4932.

For Sale: Bradford Co Farm 181.19 acres, 42 stanchion barn, silo, milkhouse, 9 RM house. Owner Financing. $139,000. 717-297-3923

• STRUCTURAL INTEGRITY
• QUALITY CONSTRUCTION
• DESIGN INNOVATION

E-Z DUMPER®

FOREMOST IN ROLLBACK DESIGN
SINCE 1959

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$1,045

DUMP UNIT FOR PICKUP TRUCKS SAVE TIME....LABOR....MONEY

The E-Z DUMPER is hydraulically operated and is powered by the 12 volt truck battery. The safe removable key switch is standard equipment. The dump angle of 47° assures quick and clean unloading. The removable tailgate can be opened from the top or bottom for easy flow control.

Designed for do-it-yourself installation - the E-Z DUMPER comes ready to install, including hydraulic fluid. Most pickup trucks require no alterations. Just slide the E-Z DUMPER and secure with clamps using existing bolts and holes. Installation is fast and simple. Dump over 4,000 lb. of firewood, gravel, topsoil, coal, corn, mulch, etc. in seconds.

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Hanover
Gettysburg
York and
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Dairy or Beef Farm Old stone home, spring gut ter in basement Bank barn free stall barn silos secluded setting on 75 acres Large stream near Hanover York/Adams Co line $150,000 (L 4842 6)

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Evening
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WANTED TO BUY
A small saw mill on a few acres with living quarters, reasonable for cash.
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ACTION PRICED DAIRY .200-acre N Y farm w/80 acres tillable Good 6 bdrm 2 bath farmhse 26x85 barn 35 stanchions bulk tank cleaner heifer barn new concrete silo Only $115,000 Call or write for free catalog

UNITED FARM AGENCY, INC.
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FOR RENT
With Option To Buy
General farm with approx. 100 tillable acres. Farm can be rented with or without land. Potter Co.
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or
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36 REAL ESTATE

(F102)
Leonardsville, NY
Lovely 90 acre farmette w/Colonial home and a nice large barn Ex for dairy, horses or beef farming Only $70,500
Alex Wood Realty
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Super selection of farms in the Mohawk Valley and Central N Y
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518-922-6301

FRANKLIN COUNTY FARM FOR SALE

DRY RUN, PA AMISH FARM in an Amish community 90 acres 5 bedrooms restored Limestone home 40'x80' dairy barn suitable for dairy beef or hogs 14 x50' silo 70 acres tillable 20 pasture and some wooded abundant hunting grounds surround $149 000 or owner will sell 60 acres of farmland no buildings for $85 000
Call Francis Ulishney
717 272 2989
Suburban Realty
Farm Division
717-867-4487
or write for descriptive brochure
30 West Main St
Annville, PA 17003

Quiet area of Lancaster Co. 68 Acre Farm. At present, breeding Angus cattle. Also could be used for horse farm. Room to hang tobacco. Located 6 miles nor-theast of Manheim. Owner will finance.
Phone 717-665-5474

FOR SALE
18th Century Covered Bridge.
Must Be Moved
717-362-9233
717-362-3421

Available For Lease
Farm in Somerset Co. 200 acres tillable, 30 acres already tilled for corn, 25 acres sewn with rye, 50 additional acres available for pasture 40 stanchion dairy barn w/pipeline, barn cleaner, pens for young cattle, 44 stall loafing barn, 2 silos, silo/unloader and feeder, machine shed 8-room house and hookup for mobile home Additional barn & silo available. Will consider renting smaller acreage

814-445-6333

---

155 acre Cumberland County farm with attractive owner financing to qualified buyer Bank barn in excellent condition 10,000 bushel grain storage with dryer Stately 2 story brick colonial home Truly a showplace

LUTMAN ASSOCIATES
Real Estate, Inc.

Ph. 717 697-6081 or 267-1261

Southern Huntingdon Co.

Dairy farm 175 acres w/150 acres tillable large barn w/44 stanchions 2 nice homes stream & good spring on property Many other extras $315 000

Dairy Farm 111 acres extra good home w/7 rooms & 2 baths Good barn w/27 stanchions Milk house & wagon shed $100 000 Firm

Perry Co.

Toboyne Twp 50 acre general farm approx wooded excellent hunting area extra nice 3 BR 2 story home w/modern kitchen approx 32x110 pole barn & other buildings Also 4 room & bath cottage $85 000

Colonial Real Estate Agency
814-447-5511

OPERATING DAIRY - SHOWPLACE - 208 acre Dairy Main house is 2 sty brick with 4 bdrm Tenant house has 3 bdrms Main barn has 69 stanchion S S pipeline, 500 gal S S tank, room for hay storage New heifer barn shop corn crib 3 silos Ideal family farm Priced at $199 500 Owner financing available to qualified buyer

FARM 108 ACRES, Ideal for general farming or horses Dairy possible Bank barn in good con dition Year round springs 30 acres in woods balance tillable and pasture Structually sound farmhouse Also a mobile home site Exc location Only 4 miles from Wellsboro $80 000 W 930

Century 21

THE REAL ESTATERS OF WELLSBORO
East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list.

Berks County
73 ACRES
GENTLEMAN'S ESTATE

Completely restored 1788 stone farm-house with 5 bedrooms Beautiful bank barn ideal for quality horses Land is almost all tillable and most is planted in alfalfa House and buildings in im-maculate condition, set back 1,000 ft from the road Farm features 24x48' in-ground pool, stream and 1,650 ft state approved airfield and hangar $260,000!

Many Other Farms Available

new pennsylvania realty, inc.

Gary Coles, Farm Broker & Appraiser
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HUNTINGDON COUNTY

Shade Gap - Extra nice & modern 2 story 3 bedroom (8 rooms total) farm on 44 acres with some timber & pulpwood, house includes fireplace, bow window & woodburner, garage, barn & block utility shed. All for $81,500

Penn Township - New 3 bedroom bi-level with 2 car garage in the basement Located on 1 plus acres, Central air conditioning, $58,500

Great Buy - Service Station with retail store/stock 100' frontage Rt 26, road to Raystown Lake Building 50x53 with full basement $110,000

Century 21
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Rt. 22, Huntingdon, PA 16652
814-643-1004
Ken Lane
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FOR SALE
16 acres w/5 commercial buildings, farm lumber yard. 1 mi. W. of Elizabethville.
717-362-3421
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200 acre farm out of state All tillable acreage Outbldgs including 4 bdrm house and barn 15 yrs old Also suitable for turkey or pig farm $150 000 00

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Kutztown, PA 19530
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215-683-3434

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FARM DIVISION
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Lebanon Co., PA
Call Nelson Ebersole
717-273-9358
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717-949-2243

Lancaster Co., PA
Call Victoria Swayne
717-665-6196

Bradford Co., PA
Call Nelson Ebersole
717-273-9358

Write or call for Descriptive Brochure of Farms for Sale
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Annville, PA 17003

FARMLAND & PINEWOODS
Excellent Scenery
21 acres, $29,000; 30 acres, $39,000; 10 acres, $18,000; 107 acres, $90,000. West of Pine Grove, I-81, Rt. 443.
Lots of Deer & Wildlife
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Completely Remodeled full menu restaurant with buffet and salad bar room. Also attached ice-cream parlor. All in full operation. Located near busy Raystown on Rt. 26. Asking Price, $175,000
Huntingdon County
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Reduced!!
Franklin Co. - near Concord-Showplace
150 acres, 110 tillable, Amish neighbors, re-modeled home, new 16 stanchion dairy barn w/pipeline milkers & bulk tank $169,000 Will Take Any Reasonable Offer Call Peter

Southern Northumberland Co.
Modern 200 Sow farrow to finish, Harvestore, 100 acres, 2 homes, plus 17 acre apple & peach orchard 4-12 yrs of age $329,000 Owner financing at 10% interest Call Peter

150 acres, 115 tillable, Harvestores, feed lot for 200 steers $250,000 Call Peter

25 acres, trout stream, ½ woods, ½ tillable $1,500 per acre No money down Call Peter
98 acre campground Call Ralph
68 acre campground Call Peter

Upper Dauphin Co. - Lykens Valley
100 acres, dairy barn, new tobacco barn, 90 tillable, nice level land, 3 to 4 bedroom home, excellent owner financing, 9% interest Low Down. $179,000 Call Peter

90 acres, 85 nice level tillable, 3 bedroom home, barn $175,000. Owner financing. Call Ralph

Adams Co.-18 acre orchard, remodeled brick home, barns. Owner Financing Orchard will pay mortg-age $139,000 Call Peter.

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Real Estate Herndon, PA 17830
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ESTATES • APPRAISALS • LIQUIDATIONS

New Opportunities

Bradford County 600 plus acres modern dairy operation Beautiful 2½ story frame dwelling large silos with unloaders and barn cleaners etc Call Sandy Leaman 569 4264 or John at 649 5861

Northumberland Co 116 acre steer farm with frame and brick home in excellent condition 13 total rooms priced at $2 000 an acre

63 acre steer farm with barn but no dwelling priced just over $1 000 an acre Excellent Berks soil 1 acre pond implement shed an excellent buy Call Bob Snyder 717 286 6042

Snyder/Mifflin Co 145 acres w 100 tillable excellent soil Cherty Silt loam Large pole barns could be dairy steer or buffalo operation Modern 12 room home with 3 baths Priced for quick sale at $1 100/acre

Lancaster Co 8 acre dairy barn 3 story 40 x100 cement block chicken house 16 room brick farm house with 4 baths and 4 kitchens which could easily be converted to a bed and breakfast or for a large family Good spot to raise show horses ET or whatever you desire Situated on major state road

Columbia County Modern dairy operation ideal for ET flushing operation or milk your cows and buy your feed There are 40 tillable acres in excellent condition Federal or Georgian styled restored brick home You must see this one to appreciate the value Harvestore silo and many other extras Call John 649 5861

192 acre operating dairy w 110 tillable fertile acres 60 cow tie stalls on pipeline tank and barn cleaner 3 silo s with unloaders and a lovely 3 bedroom house Under $200 000

Real sharp 106 acre dairy with 50 cow barn on pipeline Barn cleaner bulk tank machine shed 4 silos with unloaders bunk feeder 3 miles from Wyalusing $165 000 with $130 000 FHA assumable 4 bedroom home with oil heat and oil hot water heat 1½ baths Reduced

Operating 345 acre diary farm with an access of 180 acres tillable plus approx 80 acres or more pasture Balance woods and timber Beautifully modernized 200 year old home plus a second home 54 tie stalls milk house bulk tank silo with unloader Room for young stock Can be bought with stock and equipment for a turn key operation

130+ acre dairy excellent farm with private financing Call 717 569 4264 85 ac woodland near Or bisonia Subdivision possible

1400 acres in the Shade Gap area Various parcels available from 10 400 acres Some farm land Lots of woodland and some buildings Entire tract is approved resort subdivisions with ski slope and golf course Parcel can be sold individually or collectively Phone Neil at 717 536 3236 or 569 4264

20 acre cabin or year round residence priced in the 50 s with deer and bear in the area

68 acres in Blain area with house barn and cabin ideal for a sub division There are approx 10 000 fir trees planted for your future sale & income 717 536 3236

NEW CABINS ON LEASED LAND only $4 900 Call Neil 536 3236

98 acre dairy with 58 tie stalls 1000 gal bulk tank pipeline barn cleaner & unloaders in the silo s and 4 bedroom house Land Lease is available Just reduced Call for price John Bomberger 649 5861

110 acre beef farm 3 bedroom home with oil heat Lose housing for 75 head of steers 1 silo pond some woodland mostly tillable Call Bob Snyder 717 286 6042

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LANCASTER COUNTY CALL PAT KAUFFMAN 717 284 4340 KEN YOUNG 717 426 1098 OR SANDY LEAMAN 717 569 4264

SNYDER & UNION CO CALL LEROY HIBBS AT 837 0265

NORTHUMBERLAND LYCOMING MONTOUR & BRADFORD COUNTIES CALL JOHN BOMBERGER 649 5861

NORTHUMBERLAND DAUPHIN & SCHUYLKILL CALL ROBERT SNYDER AT 286 6042

ADAMS CUMBERLAND FRANKLIN PERRY & YORK COUNTIES CALL GEORGE HEATH 717 737 0002

WANTED TO BUY

Small farm w/good buildings on a hard surface road. Prefer buildings fixed for hogs or convertible to hog operation

Must be located within 75 mile radius of Harrisburg, PA

John Strawbridge
301-941-1122

SUPER DAIRY FARM IMMEDIATE POSSESSION

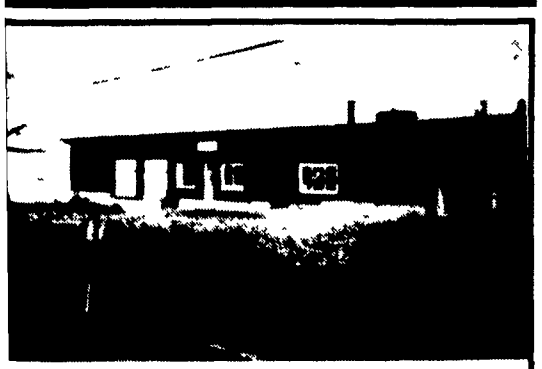
After 43 years owner is selling due to illness. Located in beautiful Bedford Co. 144 acres of productive limestone soil, 120 tillable, large stream w/meadow. Barn w/50 stanchions, pipeline milker. Large pole barn, implement shed, 2 silos. Larger home in excellent condition. Buildings set well back off road, tilalble land lies together in long fields; crops are planted. Machinery & cattle available. Owner wants to sell **now**! (#1681)

CALL 717-866-2131
Century 21 Krall Real Estate
490 W. Lincoln Ave.
Myerstown, PA 17067

SALE OF FARM BY THE UNITED STATES GOVERNMENT. Modern dairy farm containing ± 84 acres of Chester and Manor cropland, ± 30 acres of pastureland, ± 3 acres of farmstead and roads, for a total of 117 acres more or less The improvements include two houses, each 2 stories, in good condition, 64 cow freestall barn with bunk feeder and a double 3 DeLaval milking parlor built in 1971, two poured concrete silos (16'x60' and 20'x60') with unloaders built in 1971, and an 800 gallon ESCO bulk tank There is a small manure lagoon on the property This is a family size dairy unit with good cropland and good facilities Property was formerly owned by H Laverne and Judith Hess. The property is located approximately 1 5 miles northeast of Glen Rock just off Route 216 in Springfield Township, York County, Pennsylvania. The Farm is about 3 miles west of Interstate Route 83 in southern York County

TERMS OF SALE: The sale price of this farm, as is, is $200,000.00. This farm may only be sold to someone who is eligible for FmHA financing Applicants eligible for FmHA financing may qualify for up to $200,000.00 for a real estate loan at 10¾% or 5¼% interest rate depending on each individual application. The cost of any real estate improvements or repairs would have to obtained from another lender or provided by the buyer Eligible applicants may also qualify for chattel and operating type loans This farm will be sold without regard to race, color, religion, sex, age, national origin or marital status. This property is being sold subject to the Environmental Regulations of the USDA. The government reserves the right to reject any and all offers

This farm will be shown by appointment only. To obtain further information and/or set up an appointment, contact the County Supervisor, Farmers Home Administration, 124 Pleasant Acres Road, York, Pa 17402. The telephone number is (717) 757-7635



FOR SALE

Established agriculture business located in the heart of Morrison Cove, two miles south of Martinsburg, Penn. Consisting of 1.6 acres of ground, which includes 3 warehouses and a garage of over 19,000 sq. ft. Complete Liquid and Suspension Fertilizer facilities with storage capacity of 80,000 gallons. Custom application equipment consists of 4 truck sprayers, 1 Hi-Boy Clearance sprayer, nurse truck, plus other equipment. Excellent location and facilities.

Phone 814-793-2118

SHEETZ REAL ESTATE RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

NEW YORK FREE STALL OPERATION

400 Acres, 200 tillable plus pasture. 100 Cow free stall barn with milking parlor, silos, 2 houses, nice location, good milk market. Price $200,000. Large financing available. This is a very good buy at $2,000 per cow. Owner must sell. Call for an appointment.

POSSON REALTY
RD 3, Norwich, N.Y. 13815
607-334-9727

PENNA FARMS

FRANKLIN CO.

New Listing. 116 acre dairy, 80x168 complete dairy unit w/double 6 parlor, 1500 gal Mueller tank, 20x50 Stave silo w/unloader, 20x72 & 24x70 sealed silos w/bottom unloaders Total feed mixer, 10 ton Schuld bin, 4 BR dwelling, LIMESTONE SOIL

39 acre beef or heifer, limestone soil bank barn and other outbuildings NO HOUSE

CUMBERLAND CO.

80 Acres, 50 000 broiler building bank barn implement storage limestone soil 50 acres + tillable pasture & wooded stream modern 4 bedroom dwelling

85 acres general. Bank barn pole implement building, 2 story frame dwelling stream road and creek frontage Owner financing

80 Acres all crop land, Murrill soil, 54x108 Morton Pole building w/concrete floor 30% of interior walls reinforced for grain storage, well water No Dwelling over 2,000' of road frontage

62 acre general 36x40 western bank barn, 4 bedroom log (Covered w/aluminum siding) dwelling, pond

YORK CO.

67 acre general. All tillable, bank barn, implement storage small pond, 2500 feet road frontage, modern 3 bedroom brick dwelling

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

POTTER COUNTY LAND '275/ACRE

Hard to believe but true, 250 Ac. w/2600± ft. of Rt. 6 frontage borders State Land, many springs & nice brook. Stone quarry, some timber, exc. views. Pine Creek across road, oil, gas & mineral rights. Exc. owner terms at $68,750 w/25% dn., 10¼% int., for 20 years. C1282

FANTASTIC HUNTING LODGE!

Tremendous views from 2-story lodge w/86 Ac. & pond. Lg. fieldstone fireplace in entertainment area w/bar & catherdral ceiling. 2/3 wooded for exc. hunting & snowmobiling & skiing. Great for a club, family or business offering more than you could imagine! N.E. Potter Co. for $62,500 C1315

MODERN HOBBY FARM

Modified A-frame w/3 BR, 2¾ baths & full bsmt. Gas F.A. heat & woodstove. New barn with loft, tie stalls & pens. 85 rolling acres consists of 15 Ac woods, bal. tillable & pasture Pond for fishing & swimming. Near Westfield. Priced $69,900 C1320

THE Real Estaters OF WESTFIELD
108 MAIN ST., WESTFIELD, PA 16950
814-367-2249

LANCASTER COUNTY - Make Offer On These 2 Farms

Columbia 105 acres veal hog & beef operation very nice brick house

Bainbridge 93 acres, dairy very nice log home

CUMBERLAND COUNTY - New Listing

97 acre dairy farm Plus 200 head hog fattening barn

Showplace 56 acres, very good buildings, stream & woods. 15 acres tillable $97,500

206 acres level #1 limestone soil, nice brick farmhouse Morton implement shed bank barn 3 car garage

112 acres limestone soil, Carlisle area, 100 head steer operation, 20x70 silo, stream Can be subdivided

24 acres pasture w/2 streams, 4 bdr brick house 1835, barn, fenced for sheep All for $79,000

110 acres level limestone soil w/barn West of Carlisle

LEBANON COUNTY

172 acres, ideal spot for a new hog or chicken operation

Call today on these and many other farms!!!

FARM & HOME REAL ESTATE
East Petersburg, PA
717-291-2270

Sylvester Baum	Harlan Keener
Carlisle	Willow Street
717-776-3967	717-464-2669

Broker - J Irvin Denlinger
717-898-8962

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

100 acre dairy, 26 stanchions, stable cleaner, silo, 2 story modern 4 bedroom frame house. Call Mr. Niesley.

JUNIATA COUNTY

125 acre hog & poultry/10,000 broilers, modern 3 story brick rancher on Tuscarora Creek. Call Mr. Crawford.

22 acre hog/350 head, new barn, modern 2 story 3 bedroom frame house. Call Mr. Crawford.

FRANKLIN COUNTY

52 acre, 100 free stall dairy, 1500 gal. tank, modern 2 story frame house. Call Mr. Niesley.

MIFFLIN COUNTY

(PRICED REDUCED)

118 acre dairy, 50 freestalls, liquid manure, 3 silos, modern 2 story log & frame house w/swimming pool. Call Mr. Crawford.

PERRY COUNTY

8 wooded lots, 1 acre to 1.7 acres. All with septic permits. Deere country $4600 to $9400. Call Mr. Orris.

NOTICE

We have moved into new offices.
Our new address is:
1137 Rockledge Drive
Carlisle, PA 17013
This move should enhance our level of real estate services. Stop in and pay us a visit.

JOHN B. NIESLEY REAL ESTATE
1137 Rockledge Drive
Carlisle, PA 17013
717-249-8787

RICHARD B. CRAWFORD – 717-734-3673
EARL I. STERN – 717-748-7376
GREGG R. BITTING – 717-789-3368 or 789-4513
STEVE E. ORRIS – 717-789-3368 or 789-4177

APARTMENT HOUSE in quiet town, large rooms extra large lot, 2 story barn/workshop & carport Rent one side and help pay the mortgage $37 500 (D432)

CONTEMPORARY FARMETTE, 40 acres new home needs finishing touches, barn pond Ulysses Township About 20 ac wooded $68 500 (D416)

80 ACRES off Rt 6 in Pike Township mostly wooded great views & building site $36,450 (D370)

ROSE VALLEY 276 ac private, good turkey & deer country Your own hunting retreat $69,000 (D420)

DAIRY OPERATION 191 acres 71 stanchion barn 3 ponds 85 ac tillable 3 4 bedroom house Owner terms $95,000 (D252)

ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

CAMP rough but a place to start 9 ac road elec , etc Private, views, $15 000 OR well done unit next to State Land $28,000 Others available (W689) (W789)

RETIRE TO WELLSBORO Low taxes picture postcard town 3 BR Victorian empty and must be sold $37,500 w/$2 000 rebate! Others to choose from (W810)

FARMETTE 33 3 ac , ½ woods, barn, farmhouse, private yet easy access $36,000 (W818)

MEAT PROCESSING PLANT, well established w/good trade Remodeled 4 BR house, slaughter house, cutting/wrapping bldg , coolers, overhead tracks Net $30-35,000 for $157,000 (W920)

DAIRY FARM 76 stanchions, silos w/unloaders, new home, nearly all 100 ac tillable $130,000

FREE CATALOGUE
IF WE DON'T HAVE IT, WE'LL FIND IT!

ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

RETIRE IN COMFORT - 1 yr old heavily insulated New England salt-box, very well built $102,000 receipted bills, must be sold Sacrificing at $74,500 2 car insulated garage/workshop, small college town (M1695)

24.6 ACRES, private, views forever, near State Land $10,500 (M1350)

9 AC. & 10 AC., so exposure, views, ⅓ hardwoods, tillable, $800/ac (M1697)

RETREAT 44 wooded acres on mountaintop, ranch home 95% completed Could be summer or year round A place to escape in comfort $44,500 (M1696)

FREE SUMMER LIST
ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

ERA

LANCASTER CO.
BEEF & HORSE FARM

27 acres with rolling terrain & stream, 3 BR house.

Beef Bar
Horse Barn
Implement Shed
Garage
Workshop

Call Today!!!

MARVIN BENNETCH

Realtor Associate

Warren Weaver Realtors
FARM AND LAND DIVISION

RESIDENCE
R D 2, Box 161
Cocalico Road
Denver, PA 17517
(215) 267-3355

OFFICE
1500 Lititz Pike
Lancaster, PA 17601
Office (717) 393-0403

HORSE FARM

Just Listed a beautiful double salmon colored residence on the edge of Willow Street village. From the summer kitchen with a walk-in fireplace to the all natural wood in the 100 year old farm house make this a special for the most discriminating buyers.

The large barn is a dream come true; plenty of storage for trailers or vans, plus stable room for 20 to 30 horses. Pasture for horses and acreage to expand. Call us at Kingsway Realty for more information. Price below replacement cost at $189,900.

MODERN DAIRY FARM!
REDUCED PRICE
BRING OFFERS
(Must Be Sold!)

128 Acres in high state of productivity. 64 tie stall dairy barn with pipeline milker, 1000 Ga. tank, 4 silos all w/unloaders & bunk feeder. "Make no mistake, this farm will be sold." Good location East of Myerstown, Berks Co. Buildings all in good condition. Financing Available to qualified buyer by the seller! Settlement may be Fall of '85.

Quick possession - Juniata Co., 18,000 Turkey capacity plus 60 acres for steers & hogs, 24 stall farrowing house, 5 year old farmhouse plus 2nd house as rental income This is an income farm, priced at $275,000

Farmette - 10 acres. **New Listing.** Brick 2-story w/slate roof & new heating system, bank barn, stream A short drive S of Willow Street, Lanc. Co Priced to sell $79,900

LYCOMING CO.
19 ac. are wooded year round, home/hunting cabin, modern kitchen & bath, quiet location. $49,900.

Pine Creek Valley, year round, access to Pine Creek, near game lands, sleeps 11 people, LR, fireplace, oil heat. $32,900.

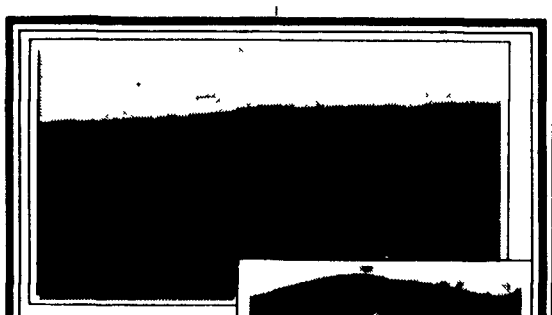
COLUMBIA CO.
Near state game lands, 6 acres, borders creek, cabin sleeps 12. $16,900.

JUNIATA CO.
Liverpool, RD, 17½ acres, nearly all wooded, view of Susquehanna River $14,000

10 acres off Rt. 322, small travel trailer. $10,500.

BLOOMSBURG AREA
34½ acres, mostly wooded, stream, seclusion, cleared land for cabin and pasture. Make Offer $38,000.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR



"THORNBUSH"
525 Acre Farm
Craig County
VIRGINIA

A premier grazing farm with 300 acres of plush bluegrass pasutres and over 200 acres of beautiful timberland Outstanding one level home with many quality features Excellent cattle and/or sheep country in the pristine Sinking Creek Valley 28 miles north of Blacksburg and 35 miles west of Roanoke Elevations to 2 700 feet above sea level Pure water from bold creek springs and pond Virginia s finest deer bear and wild turkey country Rare Opportunity! $425 000

Contact For Further Information On
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BEAUTIFUL FINGER LAKES REGION

Stocked, equipped & ready to go! 385 A Dairy, 300 A til , 50 cow tie barn Pipeline milkers, bunk feeder 1000 gal bulk tank, heifer barn, dry cow barn, machine shed 7 BR home garage $250,000 #2093

Near Finger Lakes 326 A Dairy stocked with equipment 220 A til , 75 A wooded, 2 story basement barn, 58 stanchions, w/el & water, Pipeline milkers, barn cleaner, extra barn 2 houses #2308

North of Dundee- over 160 A 135 A til , 12 A wooded, 26 cow tie barn w/room for expansion, 400 gal bulk tank, silo-outbuildings, 3 ponds, 4 BR 2-story home $125,000-Terms #2283

Southern Tier over 150 A farm, 75 A til , 50 A wooded, 35 cow tie barn w/gutter cleaner, Pipeline milkers, 400 gal bulk tank, silo w/unloader, storage barn, machine shed, outbuildings 12 room Colonial home $140,000-Terms #2302

CASH CROP

Near Keuka Lake - 174 A cash crop or beef farm 96 A til , 50 A wooded, 2 ponds, stream, 2 story 40x60 barn, machine shed, 13 room home w/2 kitchens & 2 baths Att 2-car garage $89,000 #2175

Near Keuka Lake - Over 500 a/cash crop Excellent beef or horse farm, 2-story barn Over 100 calf pens, machine barn, corn crib, 3 silos 3 houses, 2 car carriage barn $365,000 #2145

323 A cash crop - near Pa border 140 A til , 175 A wooded, some commercial reported by owner - lg 3 story barn, outbuildings, stream thru property 125 yr old home, partially renovated $175,000 #2186

FARMETTES

60 A near Keuka Lake - 10 A wooded, stream thru property, 15x30 barn, extra outbuildings, 3 BR 2 story home, $35,000 - $17,000 18,000 Down #2141

50 A hobby farm, near Waneta Lake, 35 A til , 15 A wooded 40x60 barn, poultry shed, 4 BR 1½ bath home, 2 car garage w/workshop $70,000 Terms #2264

46 A near Bath, 15 A til , balance wooded, barn, 4 BR new home, 2 baths, scenic panoramic view Mid $50's #2202

16 A completely fenced, near Corning 40x60 barn w/el & water, rotating pasture, 4 BR newer ranch home, 1½ baths, full concrete basement, garage $50,000-10,000 down #2266

Near Corning 14½ A new barn w/10 box stalls, el & water, horse paddock, outbuildings, 3 BR ranch home, fully insulated, 4 extra mobile home pads w/2 BR mobile home $60,000 #2299

BUSINESS

Near So Tier Ex - Warehouse over 4000 sq ft , 2 bldgs , office w/heat, el & water, concrete loading dock Garage $72,000 - Terms #2203

So Tier Mobile Home Sales & Service 2 story storage & work shop Display & office bldg , establ business for 20 yrs Owner financing available #2236

Exc Invest Opportunity! 43 A overlooking Keuka Lake Bluff-East Slope - 50A, lg rd frontage, terms available #2033

80 A campground, near Southern Tier Arterial Over 70 campsites, party hall to accomodate 400 people Pavillion, campstore, office, pool, showers, cluster of outbuildings, judging circle, living quarters, lake, boat rentals $455,000 - terms #2213

MAKITRA REAL ESTATE, INC.
4 W. Steuben St.
Bath, N.Y. 14810
(607) 776-2468
After Hours: Above number or
(607) 776-2386

For Sale by owner 1 3 m ette in the beautiful Hegins Valley. Ideal for direct marketing produce; ample room for small livestock enterprise or town living with a country atmosphere. Call 717-682-9391.

190 acres near Chambersburg. Other Farms.
VanCleve Real Estate
717-392-3032

DAUPHIN COUNTY
93 Acre Farm, 80 acres tillable near Carsonville, level ground, excellent soil $124,900
Town & Country Realty
717-299-4885

PERRY COUNTY
NEW LISTING - 278 ACRE DAIRY

There is a two-floor bank barn 48x102' with steel siding, center grainery and grain bin The lower level contains a 40x96' dairy cow barn with 40 metal comfort stalls, Clay stable cleaner and drinking cups; two exhaust fans and plywood ceiling Attached to the barn 34x46' frame building containing 6 box stalls with water and drinking cups The barn has 200 amp electric service and an electric box for conversion during an emergency

The other farm buildings consist of two wagon sheds with double corn cribs (one 22x36' the other 34x45') with 3½' wide cribs with metal roofs and sliding doors; and a 18x64' chicken house, now converted to 6 horse stalls with frost free hydrant, wood shingle roof and feed entry.

162 Acres tillable, made up of Duffield silt loam; Clarksburg silt loam, and Murrill Gravelly loam, with two-thirds being limestone and one-third Murrill sand stone

A never failing stream flows near the house, crosses the road and a permanent pasture field Also located East of the house is a large manmade pond fed by this stream

2½ st 4 Br brick dwelling in good cond Oil hw bb heat, modern kitchen w/wood cabinets, china closet, DR. lge F R , 2 encl heated porches

NEW LISTING 209 A. General farm, 60A tillable, 30 pasture, 119 wooded, 2 story frame 4 BR dwelling. No other farm buildings

CUMBERLAND COUNTY

NEW LISTING - 327 A. General Farm, frame bank barn, 3 grain bins, w/1 dryer Total capacity - 32,000 bu 4 Corn cribs w/a total capacity of 500 ton ear corn 290 A tillable, limestone soil 2½ story 4 BR brick dwelling in good condition Oil hot water heat

NEW LISTING! 120 acre level limestone dairy farm, 59 tie stalls, 80 free stall barn, 6 unit DeLaval milker, 2" pipeline, 800 gal milk bulk tank, 3 Harvestore silos 100' bunk feeder, 5 BR brick and stone home, modern conveniences Included in sale is an additional 4 BR frame and aluminum sided dwelling and horse and cattle barn

Near Shippensburg 188 acre General Farm, Frame bank barn (New Roof), Grain Dryer available, Road frontage with City Water, Frame 4 bedroom dwelling, with modern conveniences

175 Acre Dairy, 70 cow capacity, Milk bulk tank, stable cleaner 2 cemented trench silos, 3 Bedroom dwelling

LANCASTER COUNTY

Drumore Township, 77 acre dairy, 66 free-stall barn, frame bank barn for heifers, 60' bunk feeder 20x70 Harvestore with unloader, 16x70 silo with unloader, 2 trench silos, 1,000 gal milk tank, 6 unit milking parlor, 2½ story frame dwelling

LEBANON COUNTY

79 Acre general farm, large frame bank barn, 40x40 metal machinery shed, 2 car garage, completely remodeled w/new addition, 4 bedroom dwelling with 2 car garage. Never failing spring.

North Annville Twp.
107 A. Beef & Hog Farm consisting of large frame bank barn, hog finishing barn for 400 head. 7200 bus. grain storage w/LP Dryer and Grinder Mix Mill 2 story 4 BR Log Dwelling.

150 Acre Dairy 2½ story brick dwelling modern conveniences 5 BR 1½ baths, 80 cow capacity milk, parlor with 6 stall Herringbone.

YORK COUNTY

225 Acre Dairy Farm Dairy Barn with 149 Comfort stalls, 2 barn cleaners and pipeline, bulk milk tank, 2 Harvestore Silos, 1 large Trench silo Large like new modern heifer shed (Free Stall). 1 large 6 bedroom farm house in good condition. One stone 3 bedroom tenant dwelling with modern conveniences, 5 mobile homes with 3 septic tanks, 1 drilled well with 2 extra spaces for rent Reduced.

Call for Appointment

CHRISTIAN M. MOSEMANN REALTOR
734 Main Street, Akron, Pa. 17501
Phone 717-859-1004 (24 HOUR SERVICE)

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Evelyn M. Smith 717-933-8156
Marlin I. Kreider 717-627-8244
Lee A. Witmer 717-733-8596
James L. Marsh 717-529-2678
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ARKANSAS and MISSOURI Ozark properties, all sizes and prices Low taxes, good climate FREE CATALOG #100 A (Other areas also in cluded)
American Farm Digest
3546 Watson
St Louis, MO 63139
(800) 325-9943

52.5 Acres
Has timber, streams, hard road frontage, next to state grounds Excellent hunting Lycoming County, Cascade Twp 20 miles from Williamsport PA
Call after 7 30 P M
717-435-0319

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest selections of farms, farmettes land and cabins available in central Pennsylvania We have over 50 exclusive listings

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you

See the May 25 and June 8 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422 8111
Mel Rockey (814) 466-6688
(Bedford) Richard D Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & BROWER

Frederick J Kissinger Realtor
William H Leonard, Realtor
Ralph F Brower Realtor
245 S Allen St
State College, PA 16801
(814) 234-4000

WIMPLE ASSOCIATES

COBLESKILL AREA

"LOW DEBT-LOAD SPECIAL" keep your overhead down with this 88 acre farm with 66 acres tillable Alfalfa soils Good gable roof barn has 44 ties Patz cleaner 2 silos 10 room colonial home has nice lines oil heat Garage JUST LISTED! $82 500 CALL WIMPLE S SLOANSVILLE OFFICE 518 875 6355

ST. LAWRENCE VALLEY

SHIPPING ABOUT 18,000 LBS 215 acre 2nd Generation farm with high producing herd Excellent hip roof barn has 45 ties cleaner 18x60 silo w/Jamesway unloader 600 gallon tank mow elevator Very good 5 BR home mostly remodeled new dual furnace SELLING FOR $185 000 STOCKED AND EQUIPPED! CALL WIMPLE S GOUVERNEUR OFFICE 315 287 4163

SOUTHERN NEW YORK

"YOUR HOME IS YOUR CASTLE" beautiful stone home built in the Turn of the Century on this 147 acre farm near The Pennsylvania border Farm has 80 acres tillable 40 in alfalfa Stream pond Hip roof barn has 25 stalls silo grainery 25 tree orchard JUST LISTED! $84 000 hurry! For appt Call Russell Price at 607 792 3355 or WIMPLE S SLOANSVILLE OFFICE 518 875 6355

WHY NOT MOVE TO THE OZARKS?

165 or 130 acres beef or dairy with assumable loan. Beautiful 4 bedroom, 3 bath home ideally located. 10 miles to Table Rock Lake, 30 miles south of Springfield, Missouri or 35 miles north of Branson, Missouri and Silver Dollar City area.

Janet Raper
Owner/Broker
417-723-5687 or
417-723-8112

100 ACRES...Level Limestone Dairy Farm
★ Lebanon County ★

RICH BRANDT FARM REAL ESTATE

2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

FINGER LAKE PLAINS:

Largest area of level Honeoye soil in New York State. 130 bushel corn land This is our location Over 50 new listings Several excellent buys on cash crop farms $500 an acre, up
One of several hundred acres ASCS shows 140 bushel corn average Try $1,500 an acre on this
Dairy 70 cow conventional, 300 tillable Honeoye soil Try $295,000
Excellent 300 cow Penn State, 400 tillable, 120 bushel corn Try $1,800 per cow
180 cow Penn State, 400 tillable, soil needs lime Try $275,000
Nice 45 cow farm overlooking Finger Lake $185,000 complete
Yes, we sell for less, hence our prices are cheaper 6% maximum Large farms prorated Yes, I am all well and working full time If your farm is for sale give us a call

LAKE COUNTRY FARMS
Harry Pettingill, Jr.
Broker
2157 Rt. 89 Seneca Falls
NY 13148
Phone 315-568-9708

SALE OF FARM BY THE UNITED STATES GOVERNMENT Farm containing ± 50 acres of Chester and Manor cropland ± 12 acres of pastureland ± 7 acres of woodland ± 4 acres in roads and farmstead for a total of 72 acres more or less the improvements include a 2 story frame house, 45'x60' bank barn with bunk feeder and concrete barnyard remodeled in 1981 for a steer fattening operation, and a 15'x15' frame garage Property was formerly owned by H Laverne and Judith Hess The property is located approximately 1 5 miles northeast of Glenn Rock just off Route 216 partly in Springfield and partly in Shrewsbury Townships York County Pennsylvania This farm is about 3 miles west of Interstate Route 83 in southern York County

An open house will be held to show the property on Tuesday June 18 1985 from 9 00 A M until 11 00 A M

BID DEPOSIT Bid must be accomplished by cash (sent at bidder's risk) certified check cashier's check postal money order bank money order or personal check payable to the Treasurer of the United States for at least five (5) percent of the total bid

RATES AND TERMS Cash or terms of not less than a 5% down payment with the remaining balance amortized over a period not to exceed 25 years at ½ percent over the current operating loan interest which is 10¼ percent

TERMS OF SALE: Contact the County Supervisor Farmers Home Administration 124 Pleasant Acres Road for an appointment to inspect the farm Sealed bids are invited and will be accepted until 10 00 A M EDST Thursday June 27 1985 at the Farmers Home Administration 124 Pleasant Acres Road York Pennsylvania 17402 and will be opened publicly at 11 00 A M EDST the same date and place The Government reserves the right to reject any or all bids This farm will be sold without regard to race color religion sex age national origin or marital status This property is being sold subject to the Environmental Regulations of the USDA

Further information and bid forms may be obtained at the Farmers Home Administration 124 Pleasant Acres Road York Pa 17402 The telephone number is (717) 757 7635

For Sale By Owner

Berks County Dairy Farm, 4 Miles North of Myerstown on Route 501
330 Acres — Lots of Road Frontage — Less than $2,000 per acre.
#1 — Dairy barn with 52 stanchions, barn cleaner, 20x60 silo, milk tank, 3 bedroom house.
#2 — 2 apartment house, big loafing barn.
Land All Joins — Can be sold separately.

Stump Acres
York County
717-792-3216

Longacre FARM AND COUNTRY PLACES

BERKS CO

140 Acre Farm features lovely 2½ story stone home, modern kitchen, dining room, living room, center hall, 4 large bedrooms & bath, large bank barn, 2 large machinery sheds, small horse barn, large storage bins, gently rolling land with pond & stream $460,000
76 Acres General Farm 2½ story brick farmhouse needs work, 2 story bank barn double corn crib large stream private setting $150,000

LUZERNE COUNTY

121 Acre Dairy Farm features lovely center hall, colonial home with 4 bedrooms & bath, modern kitchen, formal dining room, living room, family room. 565 Comfort stall barn with Pipeline Milker, barn cleaner, bulk tank, 20x60 concrete silo with unloader, 2 story heifer barn, large pond Possible financing available to qualified buyer $235,000

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground $225 000 make an offer reduced $175 000 #310

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE

Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

TIOGA COUNTY

800 Acre Dairy Farm 400 T 2 very good, lovely homes 83 stall dairy barn Steel pipe line, 1000 gal tank and barn cleaner (2) 16x60 and (1) 14x40 silos with unloaders Large heifer barn $365,000 Full line of machinery and cattle available

NORTHAMPTON COUNTY

New 78 Acre Beef Farm with large modern 2 story steel barn, bunk feeder 2 Harvestore silos divided fenced pastures, machine shed, lovely stone home with large modern kitchen large living room with fireplace 2 bedrooms, 1½ baths also apartment with kitchen bedroom, living room and bath Owner Financing Available $325,000

SNYDER COUNTY

186 acre dairy farm, 100 T features modern 60 free stall barn w/milking parlor 2 story heifer barn and large machinery shed 20x60 and 20x70 Harvestore silos lovely 2 story home with 3 bedrooms, kitchen large living room/dining room laundry and bath $210 000 Also full line of machinery available

MONTGOMERY COUNTY

82 acres 65 till balance woodland & pasture w/stream general farm 2½ story 5 bedrm house/LR DR Kitchen & bath bank barn & other buildings ~~$250 000~~ $235 000

60 acre general farm Boyertown area lovely new 4 bedroom colonial w/large eat in kitchen, living room dining room sunken recreation room den & 2½ baths and a private setting $265 000

BRADFORD COUNTY

100 acre, 80 T dairy farm features 54 stall barn, barn cleaner 16x50 and 16x60 silos, 20x30 Harvestore silo w/unloaders, 60' bunk feeder, large pole barn, 800 gal bulk tank, lovely 7 room home w/modern kitchen and bath all for $150 000 #376

235 acre dairy farm 125T 3 bedrm brick ranch house w/large l r kitchen & bath Features new 50 cow stall barn w/pipeline milker bulk tank, etc 2 story bank barn for dry cows & heifers 14x40 and 20x60 silos and bunk feeder $300,000

5 acre Dairy Farm Modern 74 stall dairy barn Bulk tank steel pipe line, barn cleaner 20x32 Harvestore silo and 20x60 concrete silo Manure storage Modern Ranch home with 4BR's, Kit , DR, LR, Bath and Den $145,000 Also second house available

SUSQUEHANNA COUNTY

102 acre w/14 acre natural lake 69 acres hardwood forest large modern ranch house w/two & one car garage kitchen dining room w/enclosed deck living room w/stone fireplace & cathedral ceiling, 5 bedrm 2½ bath workshop 2 family rooms and apartment w/2 bedrooms kitchen living room family room bath Also 2 cabins (one winterized) and cabin site w/well & septic adjoins state gameland 15 minutes from Elk Mountain ski area ~~$160 000~~ Reduced to $110 000

520 acre dairy farm w/120 acre approved land fill 165 acres tillable new 69 tie stall barn 20 free stalls modern milking parlor & liquid manure system 2 large sheds large main dwelling & 2 double houses and trailer 24x65 concrete silo 20x80 and 20x40 Harvestore silos, 105 cows 35 heifers 3 large bull dozers and full line of machinery lock stock & barrel $1 500 000

437 Acre ultra modern dairy farm with 2 homes 6 ponds good tillable ground large fenced pastures & more New ultra modern 85 comfort stall barn with pipeline milker 1500 gal bulk tank graded barn cleaner office & more 2 large dry cow heifer & calf barns 2 20x70 1 14x70 1 14x60 18x60 & 13x40 concrete silos w/unloaders Large stately centerhall home w/4 bedrooms LR DR large country kitchen & 2 baths 2nd modern ranch house w/3 BRs kitchen LR & bath Must be seen to be appreciated $455 000 Also full line of machinery available

265 Acre modern dairy farm w/2 houses 115 comfort stall dairy barn with pipeline milker 2 large bulk tanks barn cleaner 3 large concrete silos large free stall heifer & dry cow facility & large machinery shed calf barn lovely split level home features modern kit formal DR LR family room laundry 2 baths 4 BRs Large in ground heated pool 2nd 2 story home modern kit DR LR, family room 3 BRs 1½ baths Also, large new trailer 200 Head of dairy cattle modern line of machinery including several large tractors All for $600 000

SCHUYLKILL COUNTY

234 acre woodland tract joins state gamelands, borders Rt 81 & secondary road Pine Grove area good hunting area call for details, $175 000

PAUL B. Zimmerman INC.

STEEL BARN EQUIPMENT

Built To Last

HEADLOCKS

THREE SIZES AVAILABLE TO MEET ALL YOUR CATTLE HANDLING NEEDS

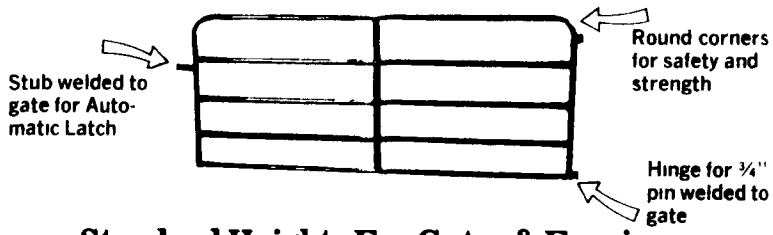
EXTRA HEAVY CONSTRUCTION FEATURES:

- 1.9" O.D. High Yield Tube Top & Bottom Frame
- 1" structural pipe on verticals & locks
- All yokes lock on individual catches, no strain on control rod.
- Yoke stabilizer on large sizes
- Unique design allows more head room

AUTOMATIC HEADGATE

- Double Linkage For Extra Stability
- Fast, Easy Adjustment On Both Sides So Animal Size Can Be Adjusted Under Pressure
- No Wrenches Needed To Adjust Back Set Open
- Full Sheet Protection On Front

GATES and FENCING



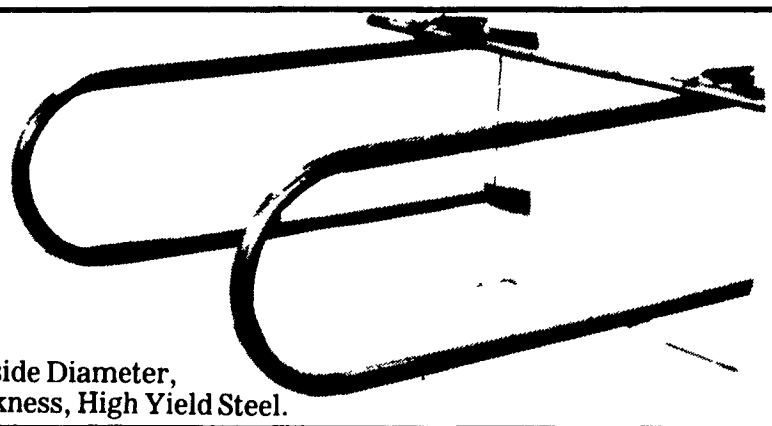
Standard Heights For Gates & Fencing:

• 38" High - 4 Bar • 48" High - 5 Bar • 54" High - 6 Bar

All Gates & Fencing Made Of 1.9" Outside Diameter High Yield Steel Tubing With 13 Ga. Wall

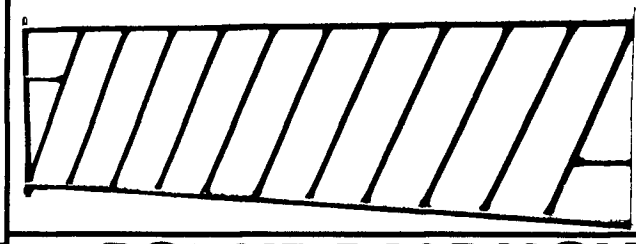
GALVANIZED "T" LOOP STALLS

Also Available With Heavy Duty Cross Over Clamp

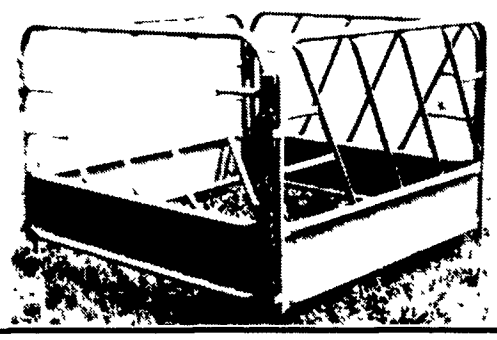


Stall Tubing 2-3/8" Outside Diameter, 12 Gal. (.109) Wall Thickness, High Yield Steel.

SLANT BAR FEED THRU FENCE



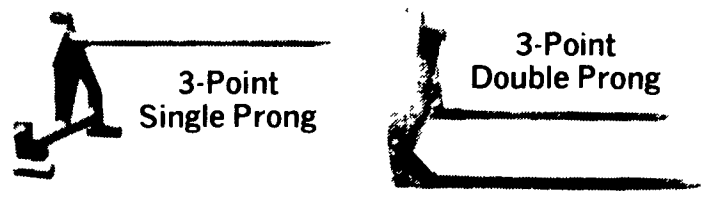
Custom Built To Any Length



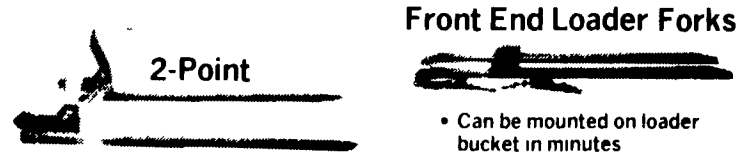
HEAVY DUTY HAY BALE FEEDER

- Feed Big Round & Reg. Bales or Stacks
- 1'9" O.D. Tubing & 1" Sch. 40 Pipe, All Welded Construction

ROUND BALE MOVERS



The Same Unit Can Be Used With One Prong For Center Of Bale Or Two Prongs For Under Bale.



- Can be mounted on loader bucket in minutes
- No special attachment needed

BLOCKING CHUTE

PAUL B. ZIMMERMAN, INC.

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R D 2 Box 196
Huddleston, VA 24104
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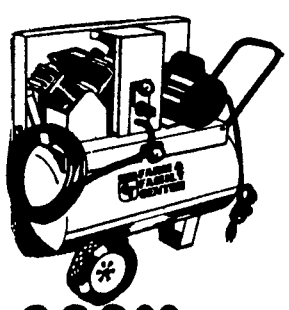
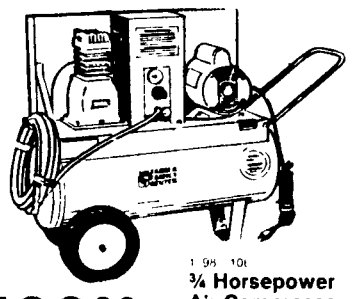
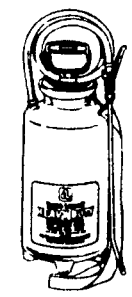
RED HOT DEALS!



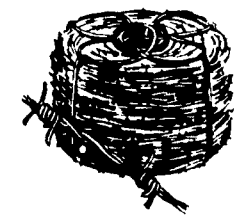
289.99
18126 106
1 Hp. Twin Cylinder Air Compressor
14 gallon tank 5.2 CFM at 90 psi 6.3 CFM at 40 psi The V-2 Twin cylinders deliver air power Easy-read gauge enables you to dial the pressure desired no additional regulator needed
15' Air Hose 18391 106 **NOW 6.99**
25' Air Hose 18400 106 **NOW 10.49**
50' Air Hose 18417 106 **NOW 16.99**
Not available in Massachusetts



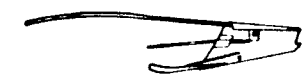
199.99
1 98 10
¾ Horsepower Air Compressor
[illegible] 4.4 CFM displacement (6.3 CFM at 40 psi) Dial-O-Matic control with built-in read gauge enables you to dial the pressure desired no additional regulator needed
15' Air Hose [illegible] **NOW 6.99**
25' Air Hose 18417 106 **NOW 10.49**
50' Air Hose 18417 106 **NOW 16.99**



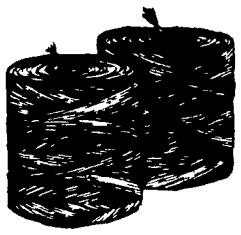
25.99
Reg. 32.99 / SAVE 7.00
3 gallon / 18005 114
22.99 2 gallon / Reg. 29.99 / SAVE 7.00
Polyethene 3 gallon Sprayer
- Pump barrels and caps are made of polypropylene
- Ideal for use with materials that are corrosive to galvanized or stainless steel sprayers



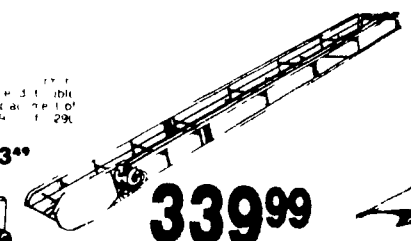
19.99
2518 282
Forbes Barb Wire
15½ Gauge high tensile with class III zinc coating 2 strand 4 pt wire 5" spacing 80 rods **MADE IN USA**



12.99
Reg. 14.99 SAVE 2.00
5822 012
Grassboard
- For all McCormick Deering International Joh Deere Ford Ferguson Dyna Balance New Idea and Kusch Mowers
- Constructed of heavy steel plate and high carbon spring steel rod



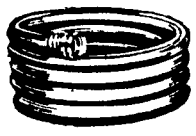
13.79
[illegible]
Red Stripe Baler Twine
This high quality twine [illegible] 10 or More **13.49**



339.99
Reg. 374.99 SAVE 35.00
12958 259
16' Bale Elevator
16' Bale Elevator comprises of two 8 ft sections Complete with motor mounted sheave and belt Fully electric motor and gas engine drive
8 ft Extension for 16' Reg. 36.99
12959 259 **SALE 122.99**

49.99
Reg. 58.99 SAVE 9.00
12100 236
Tractor Umbrella
Fits all makes and models Completely new umbrella can be adjusted to most any angle to protect you from the sun and allow free movement at the same time

11.99
Reg. 13.99 / SAVE 2.00
13254 143
⅝" x 75' Deluxe Rubber / Vinyl Hose
- Strength and durability of rubber plus flexibility of vinyl
- Reinforced with nylon tackwire cord
- Couplings are solid brass
- ⅝" diameter 5 ft long

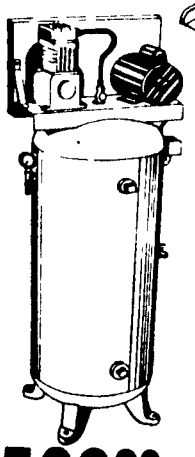


29.99
Red 9462 060 / White 9464 060
5 Gallons Acrylic Latex Barn Paint
- Excellent durability
- Self priming & self cleaning
- Not poisonous to animals

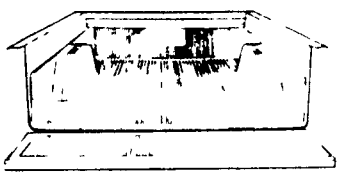
39.99
Red 9478 060 / White 9480 060
5 Gal. Oil Base Barn Paint
- Oil base formulation
- Ideal for all wood siding and shingle surfaces
- Dries to a satin finish

CPF Insecticide Paint Additive
treats up to 3 gallon
95143 060 **NOW 4.99**

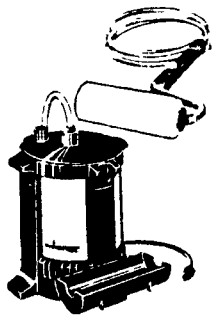
39.99
18704 106
Wagner® Power Stripper™
- Removes several layers of paint in practically no time flat
- Removes putty from windows thaw frozen pipes dry plaster or any number of objects



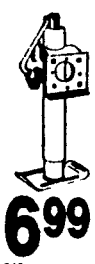
569.99
1239[illegible] 106
5 Hp. Air Compressor
- Highly efficient medium duty industrial air compressor with cast iron twin cylinder 2 stage pump 5 Hp 230 V single phase electric motor
- 15.1 cfm displacement
- Features a 60 gal tank totally enclosed belt guard for safe operation bleeder type pressure switch for loadless starting



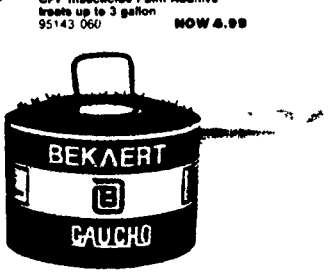
189.99
43038 472
Truckbed & Tailgate Liner
One piece rugged truckbed liner saves wear & tear on your pickup Resistant to gasoline alcohol & some [illegible] withstands extreme impacts to 60° F Tailgate cover molded



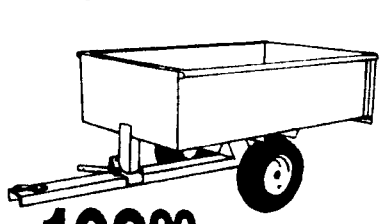
69.99
18431 106
Wagner® Power Painter/ Roller
Paint quickly and easily with less mess The roller handle has a finger operated trigger for control of paint to the roller Set up is simple no tools required Uses a standard one gallon paint can which is set into the power carrier and sealed with a twist lock lid Paint is fed to the roller through a flexible 16 foot hose Unit has a powerful 45 watt motor



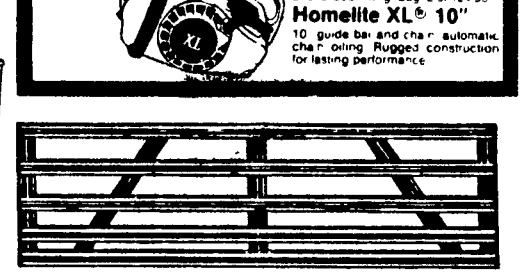
16.99
12656 040
Swivel Jack
Flat bottom Assembly may be turned 90° horizontal or vertical Locking handle holds device in any position
Tubular Connection Swivel Jack
12665 040 **SALE 24.99**



7.79
2 Gallons
14082 272
19.99 5 Gallons
13983 272
CT Lube Universal Hydraulic Oil
A universal hydraulic fluid which is recommended for tractors with a common sump for transmission final drive and hydraulic systems

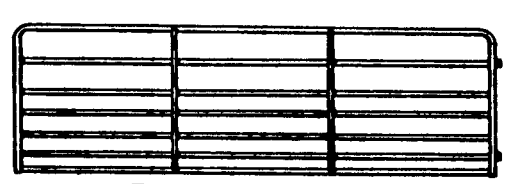


109.99
19461 243
10 Cu. Ft. Trailer Cart
- Heavy steel body
- Easily hitches to a garden tractor or riding mower
- Removable sliding tailgate
- Large pneumatic tired wheels
- Body 48" long 30" wide 12" deep
- Design may vary from illustration



5 Panel Steel Gates
48" high gates with panels made of heavy 22 gauge galvanized steel Gates are 4" shorter than listed to compensate for hinges Complete with screw hooks and hinges

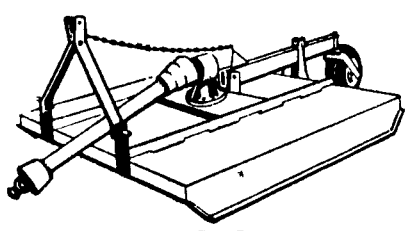
10' Gate 17666-253	29.99	14' Gate 17676 253	36.99
12' Gate 17687 253	32.99	16' Gate 176 253	39.99



7 BAR TUBE GATE
1¾" 7 Bar Round Tube Gate

10' Gate 17924 2[illegible]	39.99	12' Gate 17931 253	41.99
14' Gate 17949 253	46.99	16' Gate 17966 253	49.99

2.19
24677 282
6' Steel "T" Post
2.29
24690 282
6½' Steel "T" Post
Strong durable studded "T" post with enamel finish for longer life Includes five clips for attaching fence to post

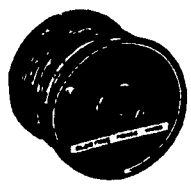


499.99
23557 287
5' 3 Point Rotary Cutter
3 point flex hitch hook up Free swinging ⅜" x 3" suction blades Shielded PTO Round blade carrier 40 Hp Gear box with shear pin protection Cutting height 2" to 12" Rated for tractors to 45 hp Solid rubber tail wheel with hub and pivot shaft Full length runners

Hydraulic Cylinders
Up to 2500 psi ASAE standard specifications

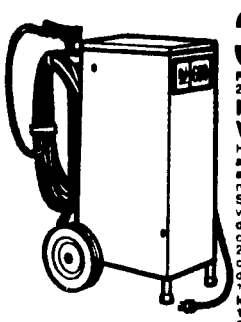
3" x 8" 8501 017	44.99
3½" x 8" 6585 01[illegible]	54.99
4" x 8" 6506 0[illegible]	69.99

49¢ each
17885 130
Steel Rod Elec. Fence Posts
48" long, made of ½" steel



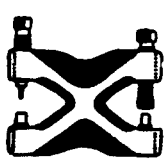
Galvanized Steel Wire
Smooth galvanized steel wire for use with electric fence chargers

17 ga. ¼ mi. 19102 150	7.19
17 ga. ½ mi. 19111 150	13.49
14 ga. ¼ mi. 19112 150	13.99

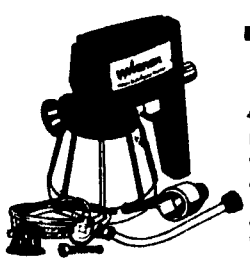


2.88
12361 006
Universal Rock Guard
New Universal Rock Guard [illegible] to replace all mower guards except MF Dyna Balance mower Made from long wearing malleable

319.99
Reg. 339.99 / SAVE 20.00
25402 293
High Pressure Washer
Handy cart mobility 500-600 psi automatic mixing for easy cleaning and spraying Built-in tank eliminates the need for bottles etc Special duty ¾ Hp motor 5 way valve selects cleaning phase desired 100% chemical metered chemical rinse tank filling and off 2 gpm pump 8 ft grounded power cord 35½" high 15½" wide 18⅛" deep Requires 15 amps power at 115 volts
Industrial High Pressure Washer w/ 1½ H.P. motor and 1000 PSI
25468 293 **NOW 569.99**



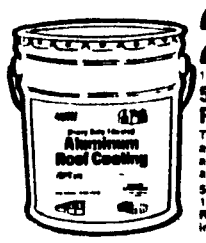
19.99
Reg. 24.99 / SAVE 5.00
2526 020
Rivet Vise
- Combination rivet punch and rivete
- Changes sections in the field without removing the knife



79.99
18250 106
Wagner Heavy Duty Power Painter
- Cuts big and difficult jobs down to size
- Makes easy work of houses inside and out porches garages and fences
- No compressor needed

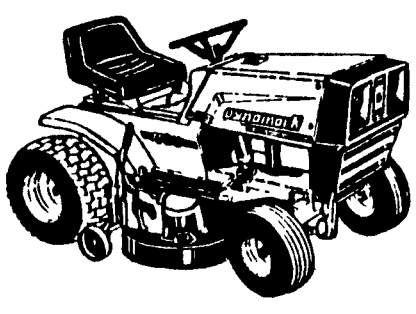
W500 Power Painter 18274 106
NOW 399.99

6.59
10865 092
Hydraulic Coupler
Complete coupler for [illegible]
Extra male tip 10865-092 **NOW 1.99**



29.99
13974 272
5 Gallons Aluminum Roof Coating
This asphalt base product provides a waterproof coating and bright aluminum finish for metal and asphalt roofs
5 gal. Black Roof Coating
14139 272 **NOW 9.99**
Roof Brush for applying roof coating 2 622 169 **NOW 5.99**

New Rubber Torsion Rake Teeth
Single 17513 0 **2.49**



YOUR CHOICE
899.99
Reg. 999.99 / SAVE 100.00
#361 19 Side Discharge 23268 256
#361 18 Rear Discharge 23275 256
11 Hp. 36" Deck Full Electric Start Transaxle Drive
- Synchro balanced engine
- Key ignition
- 5 deluxe headlights
- Automotive differential section
- 3 forward speeds 1 reverse
- Choice of side or rear discharge

30" Trailer Type Lawn Sweeper
22499 258 **NOW 109.99**

CENTRAL TRACTOR FARM & FAMILY CENTER.

THESE PRICES WILL BE HONORED ONLY AT THE LANCASTER, PA STORE

PRICES GOOD NOW THRU SAT., JUNE 15

LANCASTER
1570 Manheim Pike, Ph. 717/569-0111
Open 8:30-5:30 Mon.-Fri. / 8:30-5:00 Sat.

All items are subject to stock on hand We reserve the right to limit quantities sale ends on above date Not Responsible For Printing Errors

DEKALB award to Kirkwood girl

WILLOW STREET – Trudi Anne Zook, daughter of Mr. and Mrs. Samuel F. Zook of Kirkwood, was recently named winner of the 1985 DEKALB Agricultural Accomplishment Award.

The award, sponsored nationwide by DEKALB AgResearch, Inc. and DEKALB-PFIZER GENETICS, is presented to the senior agriculture student attaining the highest degree of proficiency in scholarship, leadership and a supervised agricultural program.

Trudi attends Willow Street AVTS, where she has been president and secretary of the local FFA chapter. Her agricultural program consists of part-time employment at Frey's Evergreen Plantation, Willow Street, PA. Following graduation, Trudi plans to attend Penn State University with Ornamental Nursery Management as her course.

As this year's winner, Trudi receives a pin and certificate, and her name will be inscribed on a special plaque displayed in the Horticulture Shop. The DEKALB Award, often considered the highest honor a vo-ag student can receive on the local level, is presented in nearly 4,000 schools annually.

Cattle numbers

WASHINGTON – USDA's latest count of the nation's cattle herd shows that numbers are down again.

The annual beginning of the year inventory of cattle and calves fell 3 percent from the year-earlier level–dropping from 113.7 million to 109.8 million head. That's the lowest it's been since 1968, when the herd stood at roughly 109 million head. The 1984 calf crop, at 42.5 million head, was the lowest since 1963.

"The reasons for the strong herd liquidation vary. They range from drought in major cattle-producing regions, which reduced forage supplies, to low net returns to cow-calf producers since 1981. The general financial stress in agriculture also plays an important role," says Economic Research Service economist John Nalivka in a recent issue of the Agriclture Department's FARMLINE magazine.

This year's nose count of all cattle and calves marks the third consecutive year of decline, and "next year's January 1 inventory will likely show another decline," he says. "By January 1987, however, cattle numbers should begin to pick up as cattle prices and returns improve over the next couple of years."

The latest figures show that drought-battered Texas producers reduced their beef breeding herds to 5.6 million head, down 8 percent from a year earlier.

"Other major cattle producing states that showed substantial declines of more than 5 percent in their inventories were Missouri, Nebraska, Montana, and Kansas," says Nalivka.

The number of beef cows and heifers that calved during 1984 was 35.4 million, a drop of 6 percent from the 1983 total. The number of replacement heifers held for beef herds declined 10 percent from a year earlier. When producers are expanding the herd, more heifers are held for breeding. A substantial increase in the number of heifers put on feed (headed for the slaughterhouse) indicates producers are liquidating herds.

"Reluctance to expand was evidenced by a 16-percent increase in

(Turn to Page C3)

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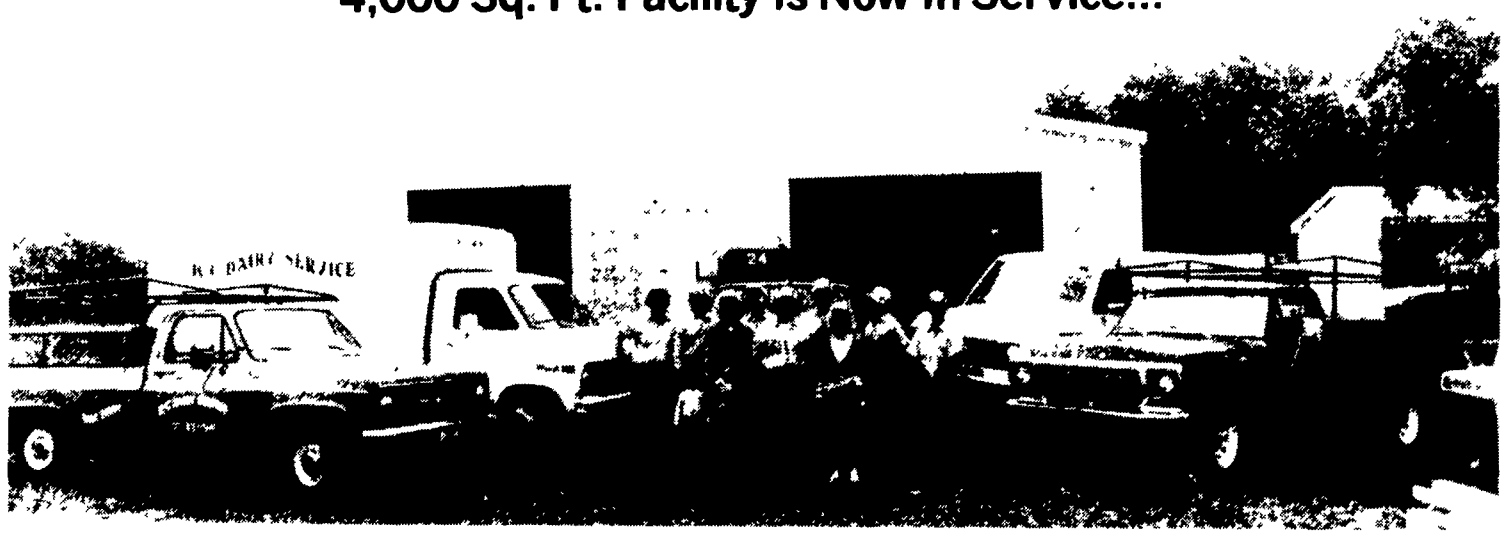

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HAY-DRY demos planned in area

PISCATAWAY, NJ – A series of alfalfa field days is scheduled in five northeastern states, to demonstrate the use of Church & Dwight's new chemical hay conditioner, Arm & Hammer HAY-DRY™, and chemical conditioner application equipment.

Thirty field demonstrations are scheduled from May 27 through September 6 in Maryland, New York, Pennsylvania, Vermont and Virginia. Local feed and agrichemical dealers will sponsor the events to be held at cooperating producers' farms. Papillon Agricultural Products, Inc. of Easton, Md., is coordiating the demonstrations.

HAY-DRY is a chemical hay conditioner applied at cutting that allows baling 12 to 24 hours sooner than with conventional harvesting. Producers can reduce field losses and harvest more hay per acre in a season with its use.

Farmers will be able to compare swaths of chemically and conventionally-conditioned hay for moisture content and leaf shatter the day after cutting. Application equipment also will be on display and a Papillon representative will be present to answer questions. A drawing for a free bag of HAY-DRY will be held at each field demonstration.

For specific locations and dates in your area, contact Papillon Agricultural Products, Inc., P O Box 1161, Easton, MD 21601; or telephone 301/822-0429

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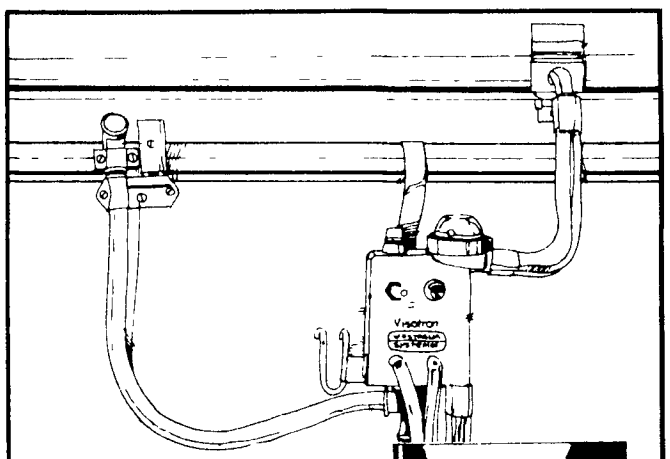

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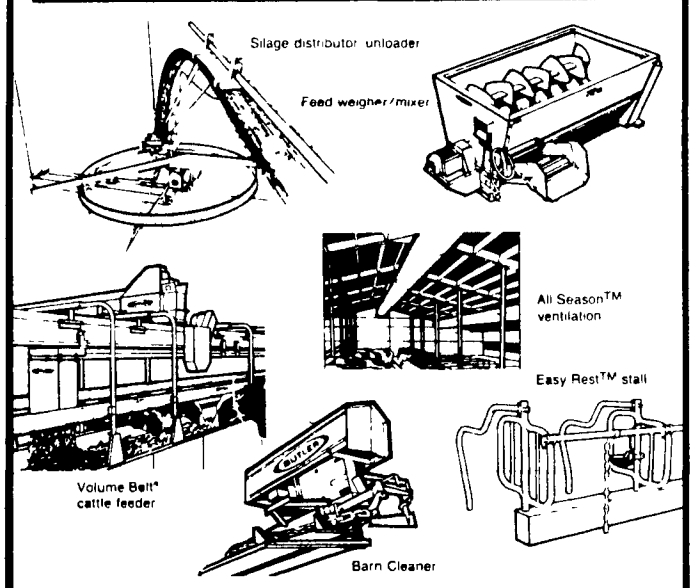

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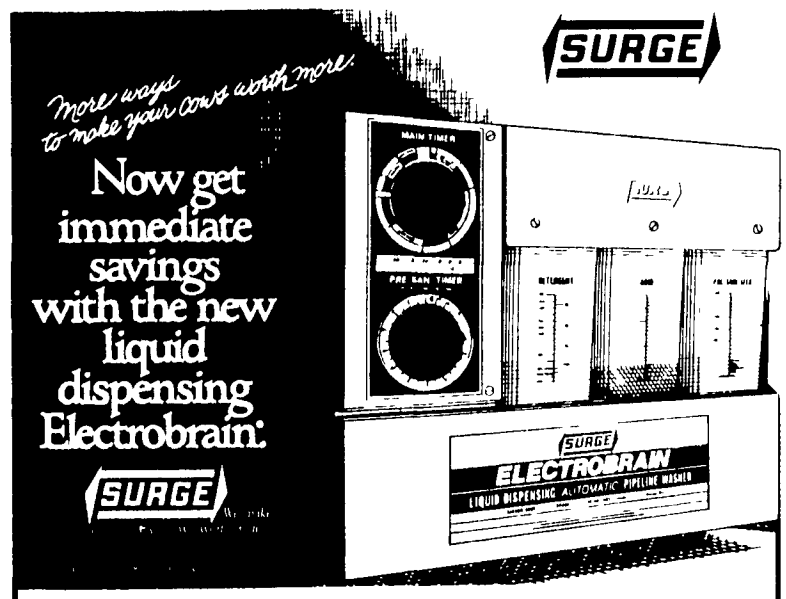
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Cattle

(Continued from Page C2)

the number of heifers on feed during 1984 and a significant drop in the number of heifers entering the herd during the second half of the year," says Nalivka.

Feeder cattle (cattle outside feedlots and available to be placed on feed) on January 1 were down 4 percent from a year earlier. Calves, which represented 67 percent of total supplies, were down 4 percent largely because of the smaller 1984 calf crop and a 7-percent increase in commercial calf slaughter. Yearling cattle supplies were down 5 percent.

Nalivka says the base for future beef production is even lower than the cattle inventory suggests considering the large number of cattle on feed as of January 1 that will have been marketed through mid-1985. "These cattle are included in the January 1 cattle and calves inventory. With only a small number of replacement heifers likely to calve and enter the herd during 1985, the January 1, 1986, inventory is likely to drop another 2 to 3 percent," he explains.

Beef and veal production through 1985, however, is not likely to be seriously affected by the lower January 1 inventory, according to Nalivka.

"Production is expected to be up about 2 percent during the first quarter of 1985. Fed cattle marketings slowed during December, resulting in an overflow of finished cattle into January. Beef production, though, will likely decline over the remainder of the year, ending down about 2 to 4 percent from a year earlier," he says.

"With stronger cattle prices likely during 1985, cattle producers should receive a positive net return. However, sharp gains will probably be limited by large total meat supplies through the end of the decade."

June is dairy month

Robots step from fiction onto farmland

Robot–an automatic apparatus or device that performs functions ordinarily ascribed to human beings or operates with what appears to be almost human intelligence; a mechanism guided by automatic controls (Webster).

COLLEGE PARK, MD – Long claws reach out from the machine and carefully pluck the choicest fruit from a peach tree in Western Maryland. No human is at the controls.

In central Maryland, pesticides are precisely dispensed by a moving sprayer that has no driver

And on the Eastern Shore, a tractor-like machine plows the soil by itself, while its owner does a job on another part of the farm.

Robots that stepped from the pages of science fiction into America's factories are now moving to the nation's farmland Automated and advanced technology are the keys to farming's future, say researchers at the University of Maryland

Currently the technology exists to take the fiction out of science fiction, says Dr. Ali Farsaie It remains to be seen, however, if engineers can combine computers and sensors into one economical package. Farsaie estimates that a single two-armed fruit picker would cost $150,000 to $200,000. And the cost of robots for other farm jobs could run even higher.

"We can apply the same type of technology they've been using on automobile assembly lines to agriculture," says Farsaie. "In many cases, it's just a matter of making what we have more mobile, more flexible, and less expensive."

Interfacing farm work and technology takes the cooperation of several disciplines, Farsaie says.

To pick a peach without damaging it, for example, fruit specialists feed data about peaches and peach trees into a computer.

Then, an agricultural engineer links electronic signals that make the robot arms move to the precise angle needed to reach the fruit. A computer specialist puts that information into the system--additional programming makes the robot's claws close just tight enough to pick a peach without bruising it. Another set of commands makes the machine move through a field without running into t[illegible] other barrier

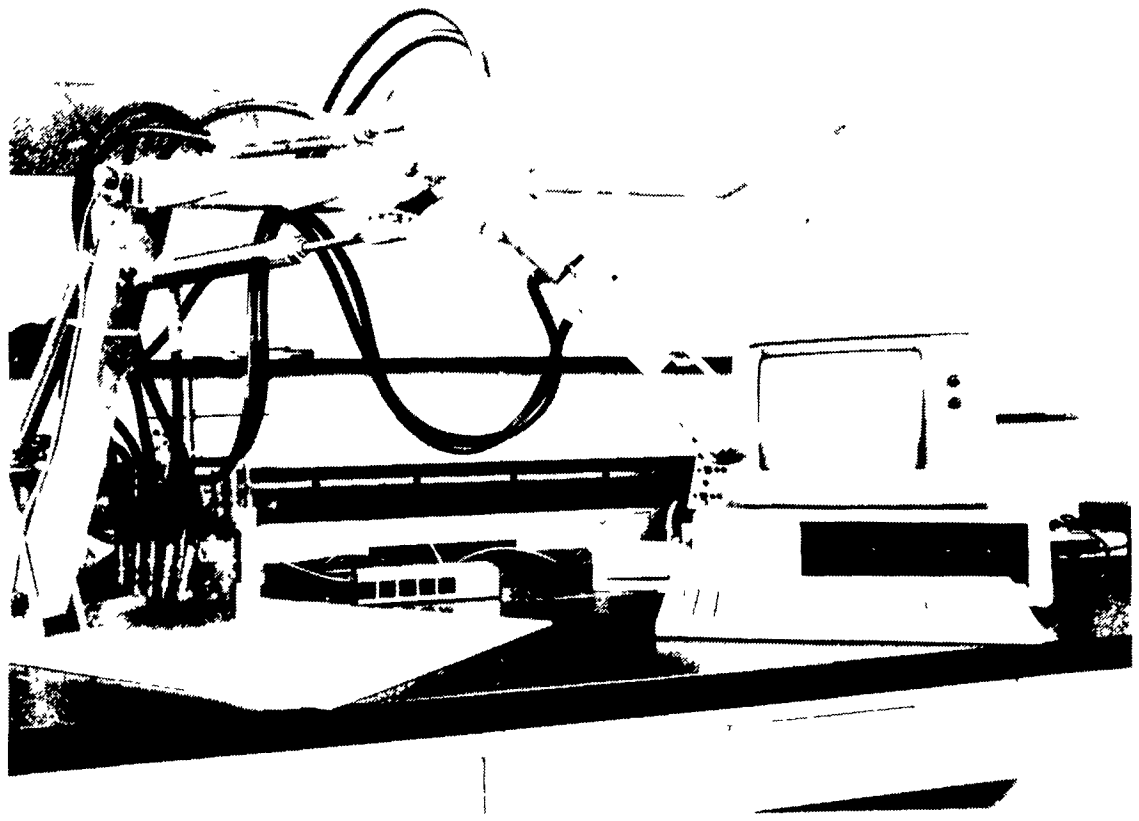
Robots need to react to agriculture's varying conditions, Farsaie says. Since each peach is a different size and shape, sensors must find and analyze the differences if robots are to be practical pickers, he adds

Visual sensors that extend in front of the robot signal when it is about to run into something Camera-type sensors help the robot find what it is supposed to pick up And pressure sensors make sure the claw does not squeeze too hard

Historically, robots have reduced labor and risk of injury Those in agriculture want the same for their industry, Farsaie says

Recent studies by agricultural equipment companies identified the kinds of farms that would benefit most from using robots Crops that require intensive labor–such as tobacco and fruit–top the list Farsaie says growers of these crops would benefit most

Health problems caused by exposure to pesticides could be nearly eliminated if a chemical sprayer can be programmed to work without human involvement, Farsaie says. And computer-programmed tractors could help farmers use their time more efficiently.



"Looks good to me!" This experimental robot arm, developed by agricultural engineers at the University of Maryland, is part of agriculture's automated future. The arm moves to different working positions through computerized instructions. Sensors on the claws tell the computer how hard to grip an object without damaging it. The claws can be modified to pick fruit, hold chemical sprayer nozzles or do other tasks. Additional sensors help guide the arm to its work and can be used to propel it around a field.

USDA requires assessments for two tobaccos

WASHINGTON – To obtain prices support on 1985-crop, Virginia fire-cured (type 21) and sun-cured (type 37) tobaccos, producers must agree to pay assessments on all marketings for deposit; into no-net-cost accounts, according to Everett Rank, executive vice president of the U.S. Department of Agriculture's Commodity Credit Corporation.

Rank said the assessments, approved by CCC in consultation with tobacco producer associations, are 10 cents per pound for fire-cured and 3 cents per pound for sun-cured tobacco The fire-cured assessment increased 8 cents and the sun-cured increased 1 cent over last year The increase is necessary to cover projected losses on the 1982 through 1985 crops.,

Producers who elect not to pay assessments to the no-net-cost tobacco accounts will not be eligible for price support loans on their 1985 crops, Rank said. They will also be subject to a penalty equal to 75 percent of the 1984 average market price, the same penalty that applies to the marketing of excess tobacco

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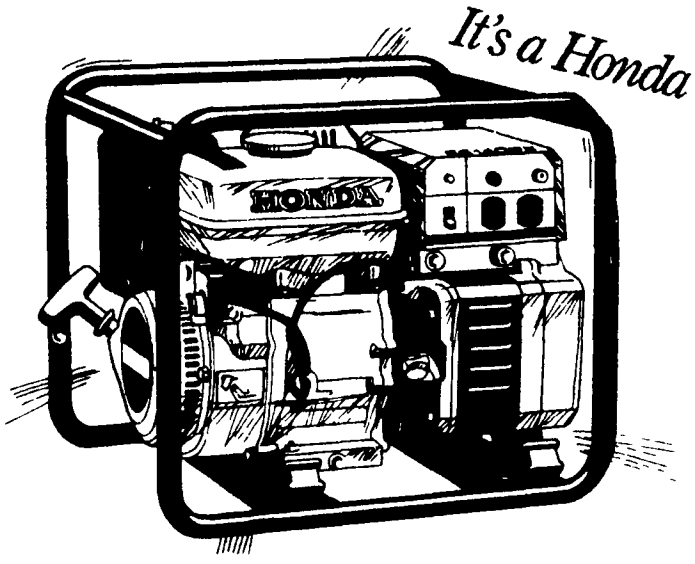

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John Brinsfield (at keyboard), senior agricultural engineering student at the University of Maryland, worked with Dr. Ali Farsaie (left) and Dr. Arthur T. Johnson to develop a computer program that reads the current angle of the robot arm and directs additional movement. Research by other students and faculty makes it possible for the robot to detect an object, reach for it, and grasp it with the claw. This technology has future applications in fruit picking, chemical spraying and other farm tasks.

Ridge-Till class added to NCGA's Corn Yield Contest

BLOOMINGTON, Il - The Rules and Entry Forms for the 1985 National Corn Growers Association's (NCGA) Corn Yield Contest are now available from National's Bloomington office A new class, Ridge-Till, has been added to the Contest

The Contest now encompasses six classes They are Class A Non-Irrigated, Class AA Non-Irrigated, No-Till Non-Irrigated, Irrigated, No-Till Irrigated and Ridge-Till

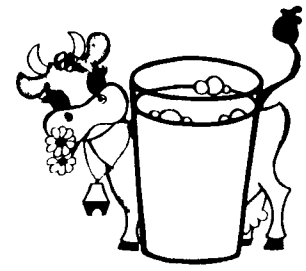
To qualify for the new Ridge-Till Class, the planting operation must take place on ridges that are higher than the middle of each row of corn, no soil disturbance has taken place since the ridges were built up by the last cultivation of the previous year's crop, and no more than 1/3 of the soil surface has been tilled by the planter for the seed zone area Injecting fertilizer and/or livestock waste is also permitted provided only one injection knife is used between previous crop rows and substantial disturbance of residues does not occur

Besides the addition of the new Ridge-Till Class, another change in the Contest is that the No-Till Class has now been divided into two categories -- No-Till Non-Irrigated and No-Till Irrigated

The Non-Irrigated classes, excluding the No-Till division, are Class A and Class AA Class AA is for corn producers entering fields located in Illinois, Indiana, Iowa, Kentucky, Minnesota, Missouri, North Carolina, Ohio and Wisconsin and Class A includes the remaining 39 continental states The remaining class is Irrigated

A completed application and a Contest Entry Form fee of $50 for NCGA members, and $80 for non-NCGA members must be received by August 10, in order to qualify for the 1985 Contest Also, to be eligible for the Contest, participants must enter a field at least 10 acres in size Once a field is entered into a Contest Class, it cannot be changed to a different classification

State and National winners in the 1985 Corn Yield Contest will be honored at the 1986 NCGA Annual Convention The 1984 Yield Contest winners will be awarded at the NCGA Annual Convention in Cedar Rapids, Iowa July 28-31



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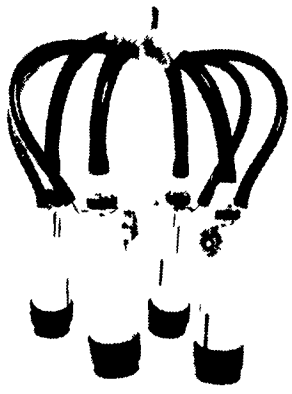

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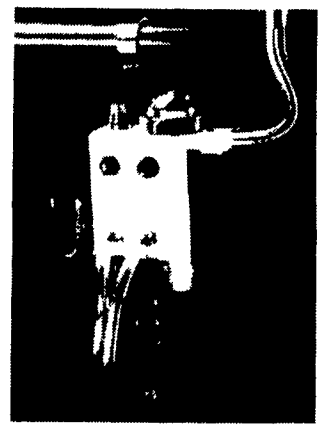

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For Sale. McCurdy 230 bushel bin wagon, very good condition. 717-665-7074 evenings

For Sale: NH flail chopper #38, excellent shape. 215-562-4571

For Sale: NH 718 harvester, 2 R.C. head; Gehl 600 harvester, 2 R.C. and pickup head. Schuylkill County. 717-425-2562

For Sale: New Holland 770W pickup attachment, very good condition 717-665-4743.

For Sale: Patz manure stacker, purchased new in 1977 but was never installed. It consists of standard drive unit, 40' slide with trap door, 180' of 2' spacing, 18"-467 flights, right hand, hold down post and end wheel Price $2750. Phone 301-775-7710

For Sale. Rubber tired flatbed wagon, hyd. lift, 3 bottom plows. 717-734-3614

For Sale: Retiring all equipment. Best offer List forwarded on request. Elliott Hudgins, 12622 Gores Mill Rd., Reisterstown, MD 21136 Phone 301-833-3707.

For Sale: Yale fork lifts, solid tires, (1) 4,000 lb., (2) 5,000 lb Call 717-354-4114, ask for Tom

For Sale: 1972 JD 4520, WF, SR trans., 2800 original hours, in very nice condition, $9500 717-532-8601.

For Sale: 1983 JD model 8300 grain drill, good condition. Must sell. Call 717-273-5231 or 717-273-6748.

For Sale. 22' Farm Built steel side bale body w/10 ton gear, flotation tires, 1 year old, $1800 or best offer. 717-532-8601

For Sale (2) haybuster 107, no till drills Sell separately or with hitch to combine both drills 814-364-1553

For Sale: (2) Nicholsons hay tedders, (1) Grimm hay tedder 717-687-0102

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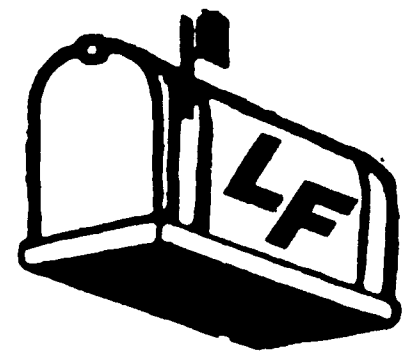

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1 FARM EQUIPMENT

AC D19 IV, gas, 3 pt. hitch, wide front, 814-793-4293.

AC G with cultivator, plow, snowblade and mower, $1,975. Butler County. 412-586-7683

Lift gate, 4000 lb. capacity, 3 phase motors, hydraulic pumps, electric motors, phase converters, Bridgeport vise, tools, socket sets, machinery lathes, milling machines, machine shop tools, tarps. 717-676-4504.

Model 513 Ford rake, built by NI, very good condition, $1,000. Northampton Co. 215-759-6039.

NH 258 hay rake, rubber teeth, purchased new in fall of '84. $2,000. or Best Offer. 717-734-3546

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Toro 76" reel mower $475.; Lely spreader, model W, $900. 215-542-7980 or 215-646-9057

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Used and new parts available for most makes crawler and rubber tire construction equipment. Parts locater system available. 215-855-9207. Balanda Equipment Co., P.O. Box 337, Hatfield, PA 19440.

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Vermeer Round Balers: 504G-demo, $7,750; 504H-new, $9,850; 605H-demo, $9,550.; Vermeer Tedder Rake, 17'-new, $3,450 717-597-3364 or 717-597-4296

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1,000 gallon fuel tank, used twice, stored inside. $500. Lackawana Co. 717-587-3657

1209 JD mower conditioner, good shape; JD 720 diesel tractor, narrow front w/3 pt. hitch, good condition; Badger chain feeder for silage trough, 70' long. 717-624-2086

175B front end loader, good running condition, 2 yard bucket. Call after 7:30 PM 201-454-6046.

1974 AC tractor w/front end loader & mounted 3 bottom plow, Model 170, 54HP, only 2100 hrs., very nice outfit, $8,500 or B O. Grimm wheel-driven 4-bar hay tedder, $775. JD 4 bar hay rake, $650 Badger grain crimper w/3HP motor, $695. 215-795-2554. After 6PM 215-721-4928.

(1974) 8600 Ford farm tractor, 1900 original hrs., cab, duals, 18.4x38, like new condition; 715 IH combine, hydrostat floating 810 grain head, new condition; Pringle Cascade reel & gun traveler, 1,000' 4" ID hose, new condition; (10) P150 big gun Nelson agric, sprinkles, 20 irrigation gun stands, 4" irr. pipe & 5" irr. pipe Call 609-451-6926.

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For Sale: 8 row field sprayer w/200 gallon poly tank and new roller pump. Make Offer. 215-944-9276

For Sale: 9 inch blower pipe. Lanc. Co. 717-656-7754.

For Sale: 95 Gehl grinder-mixer, practically new hammers, excellent repair, $2500 or best offer. Lanc. Co. 717-664-2928.

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IH 784, new never used, $13,200. 301-833-9091

IH 806 diesel, 600 hrs., wide frontend, dual hydraulics, PTO, 3 pt., solid. $4,500. 717-532-8926

IH 806 wide front, dual PTO, complete engine overhaul. 814-793-4293

IRRIGATION PIPE. 4,000', 8"x30', 6" & 4" available. 717-532-9108.

JD Tractors For Sale: 4240, 1982 model, 900 hrs.; 4440, 1900 hrs., 1982 model, $21,000; 4040 4 WD, 1982 model, 2000 hrs, $16,500; 4040 2 WD, 1982 model, 1900 hrs., $15,000; 4230, 1975 model, has cab, $9,500; (2) 4230's w/cab & air; (2) 4430's w/cab & air; 4020, side console, $7,500; 3020 WFE, $6,500; Also, Oliver 1800 gas tractor, $3,200. 717-532-7054.

JD 1209 mower conditioner, new knife, ready to mow, asking $5500. Will consider any reasonable offer. 814-793-2877.

Haybine, JD 1209, excellent condition, 9' cut, well maintained, Collageville, 215-584-4077.

Hesston forage harvester 7140 with pickup head, 2 row corn head, new knives and hydraulic sharpener, stored inside. Lackawana Co. 717-587-3657

Industrial duty stationary hammermill with 100 HP electric motor. New screen and hammers. 717-733-1602.

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Elevator, Giant corn/hay, 26', 1 h.p. motor, on rubber. Collegeville. 215-584-4077

Farmall Super A with cultivators and snow plow, newly painted, new engine and new clutch. Lackawana Co 717-587-3657

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FOR SALE: Haines self-contained potato flume, excellent condition. N.E. King, RD1, Atglen, PA. 215-593-5004

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FOR SALE. JD 4440 full cab, 500 hrs.; NH 56 side rake; NH 479 haybine; GSI 5200 bushel grain bin, air dry; 46'6" transport auger, Hutchinson. Dauphin Co. 717-896-8766.

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Ford tractor 8N, 1 owner, good rubber, hydraulics, runs well. Collegeville. 215-584-4077

For Sale: Clark fork lift, 1000 lb. solid tire, 12V, $600. 717-233-2787 after 5.

For Sale: Field Queen 7655 side dump field harvester, field ready. 703-721-2643 after 7 p.m.

For Sale: Fox forage harvester, #2000 w/1 row corn head and 7' direct cut grass head, No. 1 condition 717-379-3245 Ask for Bob

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For Sale: Hesston 500 self propelled windrower, Papec 180 forage harvester; IH 430 baler; Washington, MD. 301-824-7240

For Sale: Hesston 10' hydro swing haybine, $1,800.; MH 355 mixer; Kasten forage wagon, 12 ton, $1,400.; 7000 JD corn planter, 6 row, $5,500.; 717-733-0575

For Sale Int 82 PTO combine, good condition Juniata Co 717-589-3179

For Sale: IH 1566 cab, 1000 pto, good rubber, low hours. 717-382-4254.

For Sale: JD 4440 Diesel, cab, air, QR trans., SWD, dual hyd., in nice cond., 717-532-8601.

For Sale: JD 4640, cab, air, triple hyd., QR trans., 4WD, in good condition. $24,000. 717-532-8601.

For Sale NH 489 haybine, good [illegible] $5,500 717-352-2783

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For Sale: 1982 JD 4040 diesel, cab, air, QR trans., 4WD, dual hyd., low hours, like new. $16,500 717-532-8601

For Sale: 1982 JD 4240, cab, air, dual hyd., low hours, in new condition $18,500. 717-532-8601.

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Want A Deal: 275 MF 8 speed w/1300 hrs. and a quick attach loader, excellent condition. $9,000.; 18' hay wagon w/high sides. $600.; #12 MF baler w/thrower and applicator, excellent condition. $1,600.; 15 KW generator on skids, works. $400. Lebanon County. 717-866-6804

White 2-105 dual outlets, 38" rubber, 1800 hrs. 814-793-4293

White 2-150 cab and air 814-793-4293

Woods 20' Batwing mower, 3 yrs. old, 1 owner, excel., $5,400. 301-833-9091.

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14' Bushhog Rotary Mower, very good condition, $2200. 717-993-6226, 717-993-6152 after 5 p.m.

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Lely spin spreader
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6' Mott mower
1300 IHC sickle mower
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4 row cultivator on toolbar, only $400. Call 717-225-5901.

40' Hardy Spray Boom complete, 830 Int'l. Forage Harvester w/3 row head & pickup. 3 Grove 3 beater hyd. Forage Wagon. 717-235-2308.

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$900 Grinder mixer, good running cond. $600 Cardinal conveyor 36 ft. incline, very good cond. $5,000 Totally rebuilt 20 ft. Hercules unloader by Penn Harvestore, new chain. DeLaval milkers, 3 complete units & extra pails, 65 lb. pail & strainer, $100 a unit. Jerry E. Martin, 1032 Buchanan Trail East, Greencastle, Pa 17225. 717-597-8360.

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NH 717 Harvester. $500
NH 880 R2 Corn Head.... $1,500
NH 717 R1 Corn Head..... $300
NH 27 Blower ... $350
IH 56 Blower... $1,000
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Oliver 1855, wide front, 3 pt. hitch. 814-793-4293

Oliver 2050 with cab, original paint. 814-793-4293.

Pair used 16.9x38 tractor tires and tubes, $30. Adams Co 717-624-2419.

Planning on dribbling nitrogen on corn but don't want to drag a trailing sprayer through it? I have for sale a 3 pt. hitch, heavily constructed, 45' spray boom on 15" centers. It has 1 inch feeder lines with 3/4 inch teeth for large capacity. (Will handle as much as 100 gal per acre). It also has hydraulic booms and hydraulic side hill hitch to keep nitrogen off the corn on steep slopes. New, was $2,500. Asking $1,100. Snyder Co 717-837-0724

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Uni-System, 10' grain head, two row picker, very good condition, $2,500 Complete. Always kept inside. 814-237-0286.

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JD 40 combine, 10' platform, 2 row corn head, good condition. Columbia County. Call 717-784-0628 after 8 p.m.

JD 4010 Diesel, wide front, excellent condition. 814-793-4293.

JD 4020 power shift, dual hydraulics. 814-793-4293.

JD 4020 roll bar, weights, diff-lock, exceptionally nice, $6,900. 717-532-8926

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JD 4230 fender tractor, dual hydraulics, excellent condition. 814-793-4293

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JD 4430, cab & air, 77 model, power shift, 814-793-4293.

JD 4430, syncro range trans., dual hyd, good condition. $8500. 717-229-2522

JD 4430; JD 4030; JD 2010; JD 38 Harvester. JD 24T Baler; JD 346 Baler; JD 5 Bot. Auto Reset Plow; JD 550 Sprayer; JD 12' Disc; Gehl PU Head. 215-965-5692.

JD 4520 w/factory cab, dual hydraulics, excellent. 814-793-4293

JD 494 planter wanted for parts. Send post card w/phone no. We'll call you. 3037 Merritt Parkway, Sinking Spring, PA 19608-1013.

JD 5020, 72 model with new engine and duals. 814-793-4293

JD 55 combine, late model w/13' cutter bar, hume reel, 2R corn head w/cab. AC D17 tractor. Oliver 88 Super dsl. tractor w/new tires. 2 MH 101 tractors for parts. NI picker sheller, wide row. JD baler 24T w/kicker. Mifflin Co. 814-542-4450.

JD 6030 cab & air, 38" rubber, dual hydraulics. 814-793-4293.

JD 620, new rubber, good mech. shape, $2,100 301-833-9091.

JD 730 diesel, electric start, wide front, 3 pt 814-793-4293.

MF 175 diesel, excellent condition. 814-793-4293.

Ford 5000 D Tractor, fully equipped
Int. 990 9' Haybine
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JD 2940, MF WD, sound guard, 400 hours, excellent condition. Quit field work. $24,900 or pick up JD lease. Also JD 1207 mower conditioner, $2,500
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Ford 1710 4WD w/PS
Ford 850 Tractor
Farmall 340 Trac
White 2 135 Tractor
White 281 10' Offset Disc Harrow
AC 140S Manure Spreader
JD 5 Bot 18 ' Plow
JD 3 Bottom 14" Plow
Oliver 516 Automatic Spring Reset Plow
Oliver 535 Combine 12'G H 3 Row C H
Amco Terrace Disk
Holland 2R Transplanter Pull Type
NI 900 4 Row Planter
JD 290 Corn Planter
Bear Cat 950 CM Grinder Mixer
Ford #101 3 x 14 Plow (Excell)
MF 3B 14" Mtd Plow
Ford 2 Row Cultivator
Hesston 1014 Windrower
MM 3496 Combine, Cab 2R Head 12' Grain Head
White 7300 Combine
1068 Haybuster No Till Drill (Demo)
Fox 728 2R Corn Head
Ford 1 Row Mtd Picker
NI 218 Manure Spreader
Better Bilt 1100 Gal Liquid Spreader
Ford 501 Mower
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Deutz Fahr GP220 round baler roller type
Deutz Fahr K585 rotary rake
Deutz DX3 30 51 h p
Deutz DX 3 70A 65 h p All wheel drive
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DT 8830 Landini Tractor 68 pto h p 4 WD
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NH L35
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NH 268 Baler w/Thrower
NH 280 Baler w/Thrower
NH 469 Haybine
NH 479 Haybine
NH 489 Haybine
JD 1209 Haybine
Owatanna 9' Haybine
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NH 367 Tank Spreader (L.H.)
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MF 165D Tractor
MF 1130 Tractor
MF 285 Diesel Tractor
Ford 9N Tractor
JD 4020 Tractor
MF 410 Combine
MF 52 Disk
MF 59 Rotary Cutter
MF 12 Baler w/Thrower
MF 440 Cultivator
MF 57 Plow
MF 479 Mower Cond.
NI 636 Wagon w/Bale Body

NEW EQUIPMENT
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MF 205 Tractor
MF 294-4 Tractor
MF 1020 Tractor
MF 298 Tractor
MF 3525 Tractor
MF Loaders
MF 226 Blade
MF 233 Disk
MF 144 Plow
MF 424 Grain Drill
MF 860 Combine
MF 1163 Cornhead
MF 725 Mower Cond.
MF 925 Mower Cond.
MF Balers
NI 406 Rakes
NI 522 Mowers
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Hesston PT7 mower conditioner
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NH 276 baler with thrower, $3,500
NH 28[illegible]er, nice, $1,[illegible] SOLD
NH 30, 1000 RPM blower, $950
Int. 56 blower, $450
NH #8 self unloading wagon with roof, $1,800
NH Super sweep pickup head to fit super 717 or 770 harvester, $550
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NH 495, 12' haybine, $3,150
JD 1209 9' haybine, $2,000

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Ford CL 40 Skid Loader
Ford 6700 w/canopy
Ford 4200 10SP
Ford 4000 G SU
Ford 3000 8 speed
Ford 901 10 speed
Ford 801, PS
Ford 800 w/Post Driver
Ford 800 w/loader
Satoh w/Mower
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AC D15 3 pt.
IH 666 D., WFE
IH SH w/loader
IH Cub w/Equip.
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Case 580 Loader & Hoe
Case 530D
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JD 2240 w/Canopy
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JD 520 3 pt., PS
JD 60 PS, LPTO
MF 175 D 8 speed
MF 135 G, PS
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Ford 4x18 Plow
Ford 515 Mower
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JD 4230 Tractor, Cab & Air
JD 4020 Side Console, WF
JD 2640 Tractor
JD 2840 Tractor
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Used JD MT Trac.
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JD 7000 6R Consv. Corn Planter, Dry Fert.
JD 7000 4R Corn Planter
AC 433 4R. No-Till Corn Planter
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JD 1209 Mower Conditioner
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JD Kilafor offset Disc
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JD FB Grain Drill
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John Blue 500 gal. Applicator
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JD 244 Corn Head
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MF 750 Combine 6R & 131 Grain Head
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Fox 3310
Fox 299 80" Flail Head
Fox Max 1 SP, Cab, 4 Whl., Low Profile Head
NI 705 Uni 767 Harvester
NI 740 Feeder House
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NI 214 Spreader
NI 212 Spreader
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Hesston 4 Row Narrow
Fox 3-Row Belt Head
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Fox 3 Row Chain
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NH 469 Haybine, 9'
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JD 4050 SG, QR
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JD 430 Rd. Baler
JD 327, 337 Balers
NH 316 & 320 Balers
NH 499 Mower Conditioner
NH 28 Blower
NH 472 & 489 Haybines
NH 38 Crop Chopper
NH 451 Mower
NH 256 & 258 Rakes

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JD 1000 3B Plow

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JD 643 Corn Head
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AC K2 Combine
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Lely Roterra 13'6"
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Gehl FB 99 Forage Blower
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JD 13 Disc Grain Drill
JD 4 Bot. Plow
(2) Wic 7HP Bedding Choppers

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- JD 530
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- David Brown 990 w/Loader
- International 574
- Ford Jubilee

LOADERS
- Case 1816C Skid Loader
- Case 1835 Diesel
- Case 450 Crawler Dozer
- Int 3200 Skid Loader
- NH L425 Skid Loader

TILLAGE
- IH 3-16 Plows (2)
- Int 2-Bot Trailer Plow
- Case Disc Harrow, 10
- MF 3 Bot Plow
- Glencoe 7-Tooth Chisel Plow
- Case 18' Disk
- Case Field Cultivator
- Oliver Disk
- 3 Pt Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 7020 Harvester
- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 324 12 Row Husking Bed
- NH 717 Harvester
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead
- Oliver 73H 2-Row Corn-picker
- Int 234 Mounted Picker

HAY EQUIPMENT
- JD 1209 Windrower
- IH 1190 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1014 Wind-rower, 14 Ft.
- Hesston 1010 Wind-rower
- Hesston 1090 Wind-rower
- Hesston 4600 Baler
- 2 Bale Thrower Wagons
- IH Hay Rake
- Case Hay Rake
- NI 456 Round Baler

MISCELLANEOUS
- Zimmerman 40 Ft Elevator
- IH 400 Corn Planter, 8 Row
- 3-Row Cole Corn Planter
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- NI 218 Spreader
- Weaverline Cart, 24 Bushel

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case **USED EQUIPMENT**

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IH F350	IH Hydro 70
Farmall H	IH Hydro 84
Farmall Super C w/cultivator	IH F966 Diesel
Farmall BN w/cultivator	IH F656 Gas Hydro
	MF 165 Diesel

CORN PLANTERS:

IH 56 6-Row	JD 1240 4-Row
IH 400 4-Row	JD 7000 4-Row
IH 400 6-Row	IH 78 Front Cultivator
IH 800 6-Row Plate	White 5400 6-Row

TILLAGE EQUIPMENT:

IH 540 Plow, 4F, 16"	Oliver 4F Plow, 14"
JD 125 Plow, 4F, 16"	Brillion 10 Ft. Spring Tooth Harrow
IH 45 Vibra Shank	
Oliver 13' Disk	

HARVESTING:

IH 420T Baler	IH 350 Harvester
IH 420T Baler w/Thrower	IH 830 Harvester
IH 430T Baler w/Thrower	IH 56 Blower
Gehl 72 Flail Chopper	IH 600 Blower
Gehl FB99 Blower	Badger Blower
IH 990 Mower Cond	NH 35 Flail Chopper

IH 715 Combine w/810 Header & 943 Cornhead

LAWN & GARDEN

IH 122 Cadet	IH 782 Cadet
IH 125 Cadet	Cadet 80
IH 129 Cadet	Cub 154 LoBoy w/Mower
IH 147 Cadet	Brinly Plows
IH 582 Cadet	Jacobsen GT-12 Hydro

MISCELLANEOUS:

New Idea 212 Spreader	Bobcat 700 Loader
New Idea 213 Spreader	WIC Bedding Chopper
IH 1150 Grinder Mixer	Ontario 14x7 DD Grain Drill
Bobcat 610 Loader	

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NEW EQUIPMENT FOR SALE

Tractors: AC 8010, 6080, 6060, 6070, 5050, 5045. AC Lawn & Garden, 608, 611 LTD, 616 LTD, 916 LTD. Kubota B8200 2& 4 WD, B7200DT, L235DT, L245, L275, L355SS, L4050DT. M7500DT, M6950, L345DT. Kubota Lawn & Garden G3200, G4200, G5200. Also Kubota Buckets.
Tractor Loader Backhoe: AC 714B, CDS 715C. Also Kubota 28L Excavator.
AC: Loaders & Buckets Plows, Discs, Cornplanters.
Brillion: Cultipackers, Grass seeders & Harrows.
Bush Hog: Rotary Mowers - 42", 60", 72", Log Splitters.
Centerville Trailers
Danuser: Log Splitters, Post Hole Diggers.
Fahr: Hay Tedders KH500.
Farm Hand: Grinder Blower.
Farm Bilt. Bale Body, Feeder Wagon.
Fesa: Post Hole Diggers.
Fressori: Fertilizer Spreaders.
Grimm: Hay Tedders
Hesston: Balers with throwers, Pickup heads, Forage Harvestors, Haybines, Corn heads.
Kory: 6, 8, 10 & 12 Ton Tandem Running Gears
Martin: Liquid Manure Spreaders.
Mott: Hammer Knife Mowers, 48", 72" & 88"
New Idea: Corn Planters, Hay Rakes, Cutditioners, Manure Spreaders.
Southeast: Plows, Blades, Trailers.
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1 FARM EQUIPMENT

Complete TRACTOR & ENGINE REBUILDING
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USED TRACTORS

IH W6
JD A Cyclone, Rollamatic
JD 720 Diesel
JD 4010 Diesel, WF
Farmall Super C, Fast Hitch
Farmall H
Farmall Super M
Oliver Hart Parr 15-28 Rating
Huber

R. IVAN MACKNAIR
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Lewistown, Pa. 17044
3 Miles East of Vira on Old Stage Rd.
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USED EQUIPMENT

White 2-85 diesel tractor, $14,000
NH 850 Round Baler, ex. cond. $4,500
Oliver 660 tractor, $1,000
NH 461 haybine, excellent condition, $2,200
NH 25 blower, excellent condition, $1,500
NH 68 baler, $800
Int. 56 corn planter, $1,500
White 5100, 6 row no-till corn planter, $7,000
AC 4 row no-till corn planter, $1,500
NH 770 forage harvester, 2 heads, $3,500
JD #6 forage harvester, $500

NEW EQUIPMENT

NH 1495 self propelled haybine with diesel engine, air conditioning, hydrostatic drive, $30,000
NH TR 75 Combine, Cat. diesel, air conditioning, hydrostatic drive, $45,000

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103 Cemetary Street
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USED TRACTORS

JD 4040
AC D15
JD 4230
JD 4640
JD 4040 w/Cab
AC D19
AC 7010 w/Cab
AC WD45

USED COMBINES

AC M2 4 Row Head 15' Platform
AC F w/13' Platform
AC F2
MF 300 13 ft. Platform & Cab

NEW & USED IMPLEMENTS

2 Used Manure Spreaders
10 Used Square & Round Balers
4 Used Haybines
3 Used Plows
AC 4 Row Planter
JD 6 Row Planter

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CORN PLANTERS
800 - 4 Row Plate Planter

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5100 - 18x7 Comb.
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Deutz Fahr Hay Tedders In Stock

NEW TILLAGE
6500 - 11' Consertill - demo
(2) 5500 Mounted Chisel Plow
5500 Trailing Chisel Plow
4500 Vibra Shank Cultivators
370 Disc Harrow
475 Disc Harrow
420 3 Furrow Plow
125 3 Furrow Rollover Plow
720 5 Furrow Plow

MATERIAL HANDLING
595 Manure Spreader
560 Manure Spreader
2250 Loader

USED EQUIPMENT

USED COMBINES
Int. 125 w/Grain Head
Int. 715 Diesel w/4 row narrow head, nice
JD 7700 w/2 heads
MF 750 w/grain head

USED TRACTORS
Int. 84 Hydro SOLD Hrs.
Int. 856
JD Model B w/Cultivators
IH Hydro 100 w/Cab
(2) Farmall H
Allis Chalmers WD
Int. 1066 w/Cab

Int. 3088 Tractor w/35 Hrs.

USED EQUIPMENT
Int. 800-6 row Corn Planter
Int. 710 5 F Auto. Reset Plow
900 Badger Blower
Huff Pay Loader
NH #518 Manure Spreader
Ontario Hoe Drill
Int. 2350 Mount-o-matic Loader
Int. 125 Manure Spreader, Nice
(1) Brillion Culti-mulcher, 12'
13' 3 pt. Chisel Plow

NEW GEHL EQUIPMENT
960 Forage Box w/roof
1540 Forage Blower
3510 Skid Loader
#2330 Disk Mower Conditioner

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RD 2 Box 24A, New Ringgold, PA 17960
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Tractors & Eq. Dealt This Week.
JD 4240 P. Shift, Fender; MF 1150 C.A. Duals, Original; AC 170 D., WF (SOLD).
Used AC 6080 w/R.G., real nice; JD 4320 w/Cab; JD 716 tandem Axle, Silage Wagon w/roof & Rear Unload; NH 1034 & 1010 Bale Stackliner Wagons.
HAYBINES, Used NH 489; (2) 479; JD 1209; NI 299; Avco NI 279 cut/ditioner, like new. BALERS - NH 276 Harvester; NH 782, 770; 5 NH Super 717, choice of heads; (2) NI 213 Spreaders, Late Model; JD 1530 D.; JD 2020 Gas w/Loader.
(2) White 2-135 C.A.; White 549-6x18 on land sp. reset plow; JD 25' hydrafold field cult.; Farmall 666 D., WF; IH 884 w/TA & R.G., also 2250 loader; 1968 JD 4020 D. w/cab & dual hydr.; Krouse 13' mulch tiller. JD 4840 C.A. w/Dual Whls.; JD 4020 WF, PS.
Int. 5100-21 DD. Soybean Special Drill (SOLD). Oliver 4x sp. reset plow; JD F145-4x sem. plow; AC 200 w/cab, $7,850; JD 2020 d. w/loader; NH 275 baler w/thrower; JD 8300-23x7 D.D. w/grass seed; 3 NH 479 haybines (SOLD); Int. 990 Haybine; Hesston PT7 haybine; NH 770 Harvester; NH 890 2 Row N. Snapper Head. 2 JD direct cut heads for 3960, 3940, 3800; NH direct cut heads for 770, 717, etc.; JD 7' hay pickup head; Grimm Hay Tedders; JD 15A Flail Chopper.
(Combines on our lot)
Used IH 1460 Axial Flow, Very Nice. Fully Eq. New IH 1420 Axial Flow w/New 820 Flex Head.
IH 715 D. w/Choice of Heads.
Used JD 6620 L.L. one owner Hydro fully eq.; Used 1980 JD 6620 side hill 1 owner fully Eq., real nice.
Used NH TR70 Hydro w/15 ft. flex & 6 row; 1977 JD 4400 Dsl. cab and air, real nice; 1975 JD 6600 D rotary screen, good cond.
1977 JD 6600 Side Hill Hydro, one owner w/heads.
JD 6600 D w/643 or 444 Cornheads. 1976 Gleaner FD w/C.A. IH 915 Hydro D. w/4 Row Corn Head, Real Nice for $10,800.00. 1976 Int. 915 D w/810 grain head, $15,900.00; MF 760 w/Perkins 8 Cyl. D. & 4WD; MF 550D, excel. w/grain and corn heads. 1975-MF 510 D hydra. w/grain and 43 corn heads.
1969 MF 510 D, cab & 2 heads.
MF 300 w/cab & 2 heads.
1969 JD 55 sq. back corn special w/cab and 2 heads. Int. 715 gas w/cab, 810 Grain.
MH 26 SP 10' Combine, nice.
M & W 500 Bushel Grain Cart w/Tandem Wheels, Like New.
JD 7720 w/Fire Damaged Cab.
Mud ½ Tracks for JD 7700 C, like new.
JD 6620 w/Fire Damaged Cabs.
Coming In. JD 7720 w/4 Whl Drive w/643 C.H. & Flex Head, 1980 MF 750 w/Gray Cab, Real Nice.
(Financing Available Also Lease Financing Available On Combines & Tractors).
We have 3 NI Uni 729 A shellers $1200.00.
4 new JD tractors
New 4440 C.A.P.S.
New 4440 C.A. Quad w/radial tires $33,800.
New 4240 C.A. P.S.
New 4240 C.A. Quad $29,800.
Used JD 4640 C.A. Quad w/Dual Wheels $27,000.
Used JD 4440 C.A.P.S., original, real nice.
Tractor Just Traded: Int. 5488 fully eq., like new w/radial dual tires.
JD 4230 C.A. Quad.
Ford 7600 w/Dual Power, Real Nice. JD 2940 w/400 hrs., $16,250. JD 4030 C.A., original, real nice.
JD 4430, C.A., Quad.; JD 2840 w/R.G.; 3020 S.C. WF; JD 4020, WF, S.C.; 2 Valves Original; JD 5020 w/Duals, no 3 pt.
AC 180D WF; Ford 9600 w/cab; JD 7000 4 row planter $3950.
White 2-85 w/White 1840 Loader. Agri Power #9000 - 115 HP; by Fiat used 80 hrs., like new. Farmall 1566 C.A., black stripe. New JD 6 - row conservation planter w/fert., inst., & monitor; Priced for $12,900.00. JD 4020 w/WF, 2 valves, new motor & original paint. JD 2940 w/RG $15,500. Int. 656 Utility D. w/2250 Loader. 1066 red cab & air, original, real nice (SOLD). Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH, Original. IH 3588 2+2 w/800 hrs.
Int. 354 Utility gas.
Farmall 656 Hydro D., real good. New MC 7' for $3900.00.
BALERS JD 336 wire w/thrower. JD 500 Round Baler $3,900.00. NI #456 Round Baler. NH 472 - 7 ft. Haybine, like new, $4,575.00. NH 477 haybine, 7 ft.
HAY EQ. NI 279-9' cut/ditioner; MC7E Rotary Scythe; NH 770 717 hay pickup heads; Grimm Hay Tedder. NH 489 (SOLD).
Int. 990 Haybine.
JD 1209 Haybine; NH 469 Haybine (SOLD).
Hay Equipment Specials Haybines. Used Hesston 1014 Hydro; Swing, 12'. Int. 1190 for $2,475.00. New NH 489. Haybine $7,550.00.
Used NH 488 Haybine.
NI 279 cut/ditioner, $1500.00.
NI 7' Cut/ditioner.
NH 850 Rd. Baler.
NH 320, looks like new w/new #70 NH Thrower for $6950.00. JD 466, a real nice big baler. Lely Hay Tedder.
NH 320 baler w/bale chute; NH 280 wire baler w/motor.
JD 350, 3 pt. sickel mower, late model. Ford sickle mower.
TRACTORS AND EQUIP. JUST PURCHASED. JD 2940 w/R.G., real nice; JD 4320 w/cab; IH 784 D. w/2250 L. JD 4640 C.A. Quad, real nice w/Snap on Duals $26,000.
Int. 454 D. w/loader; Int. 574 D. w/Dunham Lehr Loader; JD 716A Forage Wagon.
Arts Way 800B Feed Mix Wagon w/scales, like new.
1972-JD 4020 WF.
JD 720 D, Excellent w/3 pt.
Int. 674 D. w/2250 loader.
JD 4620 w/Cab and new tires, real nice, JD 4640 C.A., PS, 20x38 tires, w/Dual Wheels, fully equipped, 800 hrs., like new. Used JD 2640 w/Hi-Lo dual hydraulic, $9,875.00. Farmall 1086 C.A. Farmall 886 w/Cab and 18x38 tires like new for $17,450.00. Super A w/2 Way Plow, fully eq., excel. cond. (SOLD). Case 930 D, original. New A.C. 8050 PS w/Radial Tires, list 56, cost 44, our price, $32,850.00. New AC 6080 Diesel.
JD 4630 cab, air, PS, w/Front whl. drive. JD 6030 C.A., duals, all original. Farmall 1586 C.A., real nice. Farmall 1486 C.A., w/Radial Tires, real nice, one local owner. 1066 Hydro original. Farmall 706 Gas, WF and 3 pt.. 766, original. NI 325 picker w/sheller like new. NI 324 Picker w/12 roll bed. Case 1370 C.A., PS, factory duals and full wts., $13,500.00.
Oliver 1855 w/20:8 Tires & Original Paint.
NI Combines, Just Dealt. NI 702 late model w/Heavy axle w/729 A Sheller. #743 - 3 row Quick Tach C.H., Real Nice & Field Ready. NI 738 4R N CH. NI 10 ft. direct cut head. NI 3 row 30" Silage Head.
NI 705 Uni D w/729 A Sheller & 3 Row C.H. NI 702D w/Burned Motor.
NI 713 Q Tach Grain Head.
MF 1135 CA MP, Real Nice. Farmall 1468 C.A., $8,850.00.
Farmall 886 w/R.G., 560 D w/F.H.. Nice 756 D WF and F.H., nice.
Int. 574 Utility D, w/New Tires.
Farmall 706 D WF 3 pt.
Farmall 230 w/F.H. Int. 656 Utility D w/2000 Loader. Farmall 560
Farmall C w/cult.; Farmall C w/Rotary Cutter; Int. #10 Flail Chopper.
Used NI 323 1 Row Picker, Real Nice, $2250.
AC 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new.
Farmall 656 Gas. JD B.
JD 730 D. w/3 pt. $3,750. M.M. Vista 1000 w/Cab for $5,850.
JD 4010 D, $5450.00. 4010 Gas.
JD 4020 S.C., P.S. JD 730 Gas, JD 2010 Gas. 4020 D WF, DL and 2 values w/Cab. JD 6030 C.A., real nice. Farmalls 1586 4 Post R.G. w/Duals. 1206, extra nice.
Int. 606 w/Loader. MF 175D w/R.G.
Int. 300 Utility. 2 Farmall H's.
Farmall Super M
IH 84 Hydro D.
(Harvesters). NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head.
Hesston #30 Stakhand.
CHISEL PLOWS. New Ford 13 ft. 3 pt. w/Gauge Whls.
Used Grim 4 star hay tedders.
NEW NI 406 Rake w/Front Whl, $2,275.00. Used N.H. 258 w/dolly whl.
Grinder Mixers. NH 357 for $3850.00. Gehl 95, real nice. NH 352, 351.
Int. 1150, Real Nice.
New AC 7010 w/20 Sp. Trans. 110 HP for $19,800.00. MF 1135 w/Cab & Dual Wheels.
Farmall M Diesel w/PS. M & W PTO & Dual Hydraulic. Farmall 1566 Black Stripe w/Cab.
Case 1410 D, nice.
Cub 184 Loboy.
Cub 154 Loboy; AC 720 w/3 pt., nice.
Cub 682, 128, 125. JD 317, 314, 400.
Used JD 4230 CA, QR. 4020 side console for $9,500.00
JD 4020 WF, original, excellent; JD 3020, S.C., WF.
Corn Heads JD 643, 444, 244, 843, 343, 443, 313 for 45C, 235. JD 443 w/Field Queen Attach. MF 1163. 63, 43, 44, 24, 222, 422. Gleaner L438, K238, A630 for L2 & M2, G630, F335, F330, M430. Int. 863, 864, 844, 744, 843, 227. NI 4 row 40" heads. Case 4 row 40". MF 43 Lo Profile. NH 4 row 38" White 704 corn head.
JD 443, used 2 seasons. 1981 JD 643 & 444 late model C.H. New JD 443 CH for $9500.00.
Ford 4 Row 30" C.H.
Used Int. 820 16' flex grain head, $4500.00.
Used JD 215 Flex Grain Head. 3 Used JD 13' Grain Head.
4 used #810 Int. 13 to 16 ft. reg. and floating heads.
(New Farmalls). 5088 C.A. 20x38 tires; New 3688 fully eq. for $29,000.
IH 3588 2+2, local owner, like new.
Int. 574 utility D., $4,250.
(Used Farmalls). 966 original. 1206, real nice. We have 5 JD 4020 side console diesels. 1970 JD 5020, $6950.00. Ford TW20 w/Cab w/220 Hrs., Damaged.
Case Used 2590, fully eq., cab, air, PS, dual whl., 900 hrs., for $24,900.00.
New Case 1490, w/Heavy 66 Case Loader.
Case 930 Standard D, Real Nice.
AC D 17 dual IV w/3 pt./3 pt.
JD 4020 D, PS.
TRACTORS. Farmall 544, Gas, WF. Farmall 706 D, WF & 3 pt.
1971 JD 4020, original. Case 1070, PS, $6875.00. JD 630.
Long 910 D. MH 44 w/3 pt.
CULTIVATORS - New Case 3 pt., 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS. 2 Used NI 325 w/12 roll bed, current model. Used NI 325 w/8 Roll Beds. (2) NI 324 w/12 roll bed. (325 N. w/Sheller). NI 3 row 30" Picker w/Super Sheller. New Idea Shellers and Super Shellers. NI 2 row N. w/Grinder.
NI 323, 1 Row, Like New.
NI 324 w/8 roll bed. NI 324 w/Super Sheller. 4 yrs. old for $3995.00. NI 325 w/Regular Sheller, nice.
New NI 324 Picker w/Super Sheller List, $15,390. Special $8,475.00. NI 319 Mtd. Picker w/Sheller. JD 237 w/Multi Lubes & Sheller Available.
Mounted Pickers. NI 305, 2 row for M, 450, 560 & JD 3020. Int. 234 for 560-656.
NI 727 Uni Husking Beds.
JD 4020 w/58 Loader.
Farmall 1568 w/Cab & air, used 1000 hrs. 1566 w/cab. 1466 w/Cab. 856 w/38" tires, very nice. Farmall 756 Gas. Hi Crop 656 Diesel, Hi Crop.
HARVESTERS. Int. 830 w/3 row 30" C.H., fully equipped, $6,800.00. Fox Super D SP Chopper w/2 row.
JD 5440, SP, 4WD, C.A. Hydro w/3 row C.H. & PU; JD 38 2 row 30" chopper; JD 3960 w/elect. controls. Direct cut head for JD 3960 & 3940.
JD 243 C.H. w/Adapter Plate for Chopper.
JD 3800 w/2 row C.H. for $2850.00. Fox 3310 w/3 row 30". NH 717 w/2 Row 30". NH 890 w/3 row 30". 2 NH 890 2 row 38" cornheads. Fox 2 row Snapper Head. NH 770 1 Row Snapper C.H. NH 890, 2 new Snapper Head. Fox 2 row 30" Silage Head. JD 1 row Snapper Head for 38 & 3800. JD 4 row Stalker Head, like new.
New JD 5½'. Used JD 5½' Pickup Head.
JD 8' Direct Cut Head; NI Uni 10' Direct Cut Head.
NH Direct Cut Heads for 770 & 717, like new.
Gehl Recutter Blower.
ALLIS CHALMERS 7040 w/Cab, power shift, like new, low hrs. AC 7045 C.A., Fully Eq. New AC 7010 for $19,800.00. 210 w/new 20.8x38 tires. AC H3 Crawler w/Blade and winch.
3 JD 4 wheel drives, 8630, fully eq. w/duals & 7520, fully eq., w/Duals.
JD 8430 fully eq. w/Duals & new motor nice.
FARMALLS. 806 w/3 pt. & 38" wheels. Farmall 656 Diesel & 656 gas. Farmall 826 Hydro D.
Farmall 450 gas w/PS & FH. Farmall 240 & Super C w/F.H.
New White 2-65 w/Front Whl. Drive and new 1730 Loader, List $29,000.00. Our price, $21,450.00.
MASSEY FERGUSON 1155, cab & air, M.P. for $8850.00. MF 184, 4 Wheel Drive. MF 175 D. MF 90D. Oliver 1950T w/Cab for $5,975.00. Oliver 2050D $7,850.00.
Oliver 1650 w/over & under shift.
Farmall 706 German D w/cab. JD 2520D. MF 1135 w/R.G. and dual wheels. NH 890 2 row snapper head.
Ford 5000 D.
Super A w/Rotary Mower. Super C w/2 Row Cult.
JD A, Real Nice. Ford 860 w/Loader.
IND. EQUIPMENT. Cat 955L Loader.
Int. 500 E Crawler Loader w/270 hrs., like new. Cat 933 crawler loader.
JD 840 Self-Loading Scraper.
Howard 3 pt. backhoe.
AC 600 21 ft. Forklift.
Gehl 3000 Skid Loader.
Mechanics Specials. JD 530 w/3 pt. (SOLD).
JD 1530 D w/Light Fire Damage.
Farmall 1256, needs motorwork; Farmall 460 w/light fire damage.
Case 1212 D.
Case 900, Wrecked.
Case 1410. Farmall 706 gas, needs trans. work, $2700.00.
Planters. Used Int. 800 six row air planter w/dry & monitor fully eq. for, $6,875. New & Used JD No Til Planter Coulters.
New JD 6 row Consv. w/dry fert., inst. & monitor- one left. Used JD 6 row Cons. w/liq. & frame mounted no-til.
Used JD 7000 4 row N, Dry Fert., Inst., monitor; Late Model, real nice; Used JD 7000 4 row N. w/liq. fert. & minimum till coulters.
Used JD 7000, 6 row w/dry fert. & no-til, fully eq.; White 5400, 4 row, dry fert. w/monitor, like new.
AC 12 row No-Til Soybean Planter. Oliver 6 row no-til w/dry fert., inst., fert. fill and population monitor.
IH 400 Cyclo 6RN, liq. fert., $1,850.
Cabs for JD and Int. 66 series Tractors.
New full vision cabs for MF 165 thru 1135. Glenco 12 ft. 9" Soil Finisher, like new.
Brady 14 ft. pull chisel plow.
JD 1710 11' Mulch Tiller, like new; JD 230 hyd. fold disk; Glenco 13 Tooth Hydl. Fold Soil Saver; AC 26' Hydl. fold Disk.
Crust Buster 11' flex offset disc.
Miller 12 ft. offset disk.
JD Transport Wing Harrow.
Used Danuser Post Hole Diggers.
New JD Front Dozer Blade for 4520 thru 4620, 4430 and 4640.
2 NH 38 Flail Chopper, like new.
MC Flail Chopper, like new.
New 8 ft., heavy duty 3 pt. blades.
JD 6 & 8 row front cult. New 15 ft. rotary cutter. Oliver 3× Rollover.
PLOWS. JD 5× Hyd. JD 2500, 6×18 sp. reset. Int. #700 6×16 sp. reset w/colters, etc. for $2650.00. Oliver 4×16 Rollover. JD 3×16 Rollover & 2×.
Ford #152, 6x16 sp. rest; Int. 560, 5x16 semi.
Used Chisel Plows. Brady 12 ft. & 14 ft. Used 3 pt. Bush Hog 7 Shank V-Ripper. Bestland Rock Picker. New Johnson Loader.
NI 214 Flail Spreader w/Endgate.
NI 4 row Stalk Shredder.
Used Brillion 21' Hyd. fold cultmulcher.
Int. 480 20' Fold Disk.
JD 310 12' Disc.
AC 16' Wing Disk; NI 12' Lime Drill; Howard 13' Rotovator.
JD 3 pt. 15' Rotary Hoe.
JD 11' pull type chisel plow. Int. 3 pt. 2 & 7 shank V Rippers.
Bush Hog 7 Shank V-ripper, $1,650.
New Landoll 24 ft. hydraulic fold chisel plow.
Sunflower 18' hydl. Fold Chisel Plow, $1,850.
JD 1600 20 ft. Hydl. fold chisel plow. Int. Hyd. fold 20' field cult.
Grain Ovator Feed Wagon.
Hub NH 42' PTO elevator, like new.
Avco NI 42' elevator w/motor & PTO drive.
Farmhand Gr. Mixer for $1,650; Caldwell 20' Hyd. fold rotary cutter; 6 row 3 pt. Styne Cult.
New DMI 12 ft. pull chisel plows. JD and Oliver 4, 6 & 8 row front mtd. cult.
Straw choppers for combines. JD 4400, 7700, 6600. MF 510, 550.
Kawanee 22 ft. Wing Disk.
JD 8300 21×7 DD Grain Drill w/Soy Bean Attach. Used 100 acres, like new.
JD 8300 21×7 D.D., $3450.00.
Int. 510 21×7 D.D. w/press wheels. 2 sets of press wheels for JD drills.
Int. 510 16x7 w/fert. & grass seed.
Loaders. New Int. 2355.
Used 2350, 2250; JD 158, 148, 48; New JD Loader for 400 & others. MF 246 Loader.
Int. 2050, 2001 loaders.
JD 58, 158, 148. Int. 2250, 2050. Int. set of forks, like new. Great Bend Loader, 3 pt. hitch for 630 and 730 JD Tractor. New and Used JD Quick Couplers.
New IH #80 3 pt. Snow Blower.
2 New sets JD 38" cast whls. & rims for 4640.
Int. Flattop Fenders for 706 to 1466.
TRUCKS. 1979 Chev. C65 24 ft. rollback, like new.
'76 Chev. 4×4 Pickup.
Int. Scout 4 whl. drive. Delta 44 ft. combine trailer.
New NH Direct cut head for 770. New Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for JD 3960, 3800 38. Fox pickup head. 20 set of dual wheels, all sizes.
JD front & rear weights. IH front and rear weights.
New JD 6 & 7 ft. Loader Buckets, $500.00.

For your needs call.
STITZEL FARM EQ. INC.
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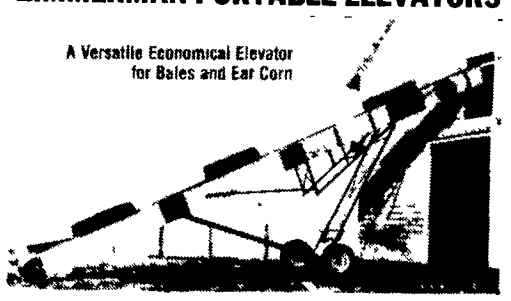
Home 215-562-7451

1 FARM EQUIPMENT

ZIMMERMAN PORTABLE ELEVATORS

A Versatile Economical Elevator for Bales and Ear Corn



WELL BALANCED, RUGGEDLY BUILT FOR MANY YEARS OF TROUBLE FREE SERVICE

• 28 Ft.... **$1510** • 32 Ft.... **$1590**

36', 40', 44' & 48' Also Available
Call For Prices

WISCONSIN ENGINES

USED EQUIPMENT

- Int. 56 Silage Blower $600.00
- NI 323 Corn Picker $4200.00
- NH 752 Crimper
- NH 456 Mower, New
- NH 456 Mower, Used
- NH 402 Crimper, Nice
- Brillion Cultipackers, 9 Ft. & 10 Ft
- Int. 100 Balance Mower
- Nickelson Hay Tedder

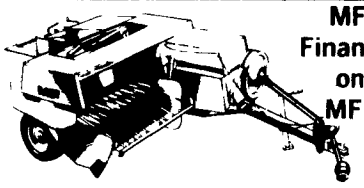
USED TRACTORS

- Ford 3000, Overhauled $4200.00
- AC D17 $2200.00
- Int. 560D $2400 00
- AC XT190D $5200.00
- IH 806D $5200.00
- AC 200. . . . $6900.00
- Case 930 . . . . $3400 00

AVCO VM Diesel

MILLER'S REPAIR

1 Mile North of Bird In Hand
8 Miles East of Lancaster
RD 1 Bird in Hand PA Ph 717 656 6109



MF 9.9% APR Financing available on most New MF Equipment

Cash Price-No Trade

New Vicon 4 wheel Rake	$680.
New Vicon 5 wheel Rake	$950.
Glencoe Soil Saver Demo.	$5,000. reconditioned

NEW EQUIPMENT IN STOCK

MF 220 Baler
MF 224 Baler
MF 212 Bale Thrower
MF 585 8½' rake
MF 925 9' haybine
Hay Tedders

USED EQUIPMENT

MF 42 mower
NH 65 baler
JD 4020 Tractor
MF 1085 Tractor
IH 1466 Tractor w/cab & air
IH 105 combine w/13' table
MF 300 combine w/10' table and 2 row corn
MF 510 combine w/4 row corn head
MF 750 combine w/13' table and 4 row corn head
MF 760 combine w/16' table
New & Used MF 2, 3 and 4 row corn heads

MF 9.9% APR Financing
for 60 months or waiver of finance charges till
Jan. 1, 1986.
Plus Factory Discounts
(Special Financing Offer Ends June 8)
MF 550 combine
1144 corn head
Eligible used combines also qualify for low rate financing

Radio Dispatched Service
Renting skid steer loaders.
We service all makes of equipment

ABRACZINSKAS Farm Equipment, Inc.

RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

MF Your Business Machines

(1) Used self-propelled Field Queen-Hesston side dump field chopper. Equipped w/3208 Caterpillar diesel engine and 8' windrow pickup, excellent condition. $14,500

(1) Used self propelled Field Queen-Hesston side dump field chopper. Equipped w/6V71 Detroit diesel engine and 8' windrow pickup, excellent condition. $14,500

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NEW TRACTORS
Hydro 84

NEW EQUIPMENT
5100 Grain Drill, 16x7
475 Disk Harrow 12 ft.
2250 Loader w/72" Bucket
335 Running Gear 20,000 lbs.
510 5 Furrow Plow, 18"
86 Rake
15 Baler Thrower

USED TRACTORS
MM Model ZB w/blade
Farmall H
1450 Cadet w/44" Mower
86 Cadet w/38" Mower

USED EQUIPMENT
Woods model C114 rotary mower
Int'l 411 rotary mower

case IH

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

SPECIAL

NEW EQUIPMENT
Gehl 1450 Round Baler
Gehl 640 Forage Wagon
Gehl 960 Forage Wagon
Gehl MX135 Mix-All

USED EQUIPMENT
Hesston 12 Ft. Direct Cut Header For A Field Queen $5,500
Gehsl 1080 Disk Mower Conditioner Excellent

Vernon E. Stup Co.
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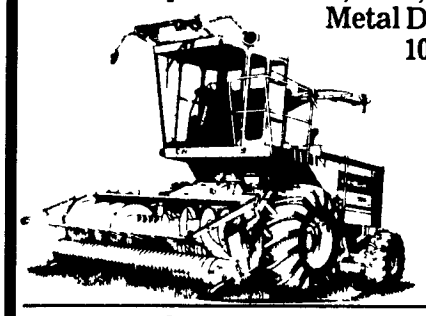
Frederick, Md. 21701
301-663-3185

SPECIAL

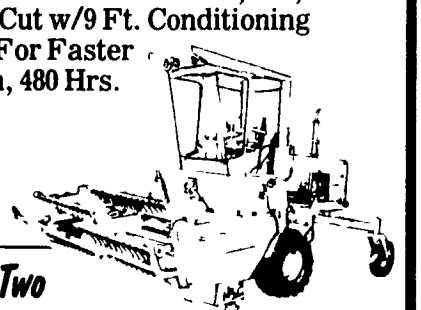
2 USED HAY MACHINES

Excellent Condition

- **New Holland 1900 Forage Harvester w/4 Row Cornhead & Pickup Attachment, 4WD, Metal Detector, 1024 Hrs.**



- **1495 Haybine® Mower/Conditioner DIESEL HYDRO w/Cab, Air, 12 Ft. Cut w/9 Ft. Conditioning Rolls For Faster Action, 480 Hrs.**



These Two Machines Are Guaranteed And Priced To Sell

MESSICK FARM EQUIPMENT, INC.
RHEEMS EXIT — RT 283, ELIZABETHTOWN, PA
PHONE 717-367-1319, 653-8867
TOLL FREE IN PA. 1-800-222-3373

USED EQUIPMENT

TRACTORS

- 3488 IH 574D
- 3304 IH 186 Hydro
- 5927 IH 966
- 5926 IH 1256
- 5835 IH 986
- 5739 IH 1066
- 5731 IH 656
- 2871 IH 1466 w/Cab, New Paint
- 5415 IH 544G
- 6215 IH 606
- 5792 Deutz DX 130
- 5793 Deutz DX 160
- 3335 JD 8630
- 5784 JD 4630 w/Cab, Duals
- 2845 JD 4430 w/Cab, Duals
- 5700 NH 778 Skid Steer Loader
- 6192 Case 2470 w/Duals
- 6216 Farmall Super C
- 3487 Steiger ST210

PLANTING EQUIPMENT

- 3285 Tye No-Till Drill, 20'
- 5713 IH 510 Drill
- 2763 IH 620 Tandem Full Press Drill
- 5786 IH 510 Drill
- 5765 JD 246B Drill
- 5766 JD E9300 Drill Attachment

MISC. EQUIPMENT

- 5870 IH 2350 Loader w/84" Bucket
- 5484 IH 2001 Loader
- 3567 IH #14 Rake
- 5487 NH 280 Baler
- 3568 NH 718 Forage Harvester
- 3561 NH 495 Haybine
- 5402 NI Rake
- 5373 Ag-Chem 500 Gal Poly Tank
- 3111 Agrotec 400 Gal 30' Sprayer
- 6034 John Blue 700 Series Sprayer
- 3565 Lavelle 24' Elevator

TILLAGE

- 6103 Sunflower HB Chisel Plow 27'
- 5277 IH 55 Chisel Plow
- 3450 IH 470 Disc 16'
- 5868 IH 370 Disc 12'
- 5950 Brillion Packer
- 5615 Brillion SC-01 Filed Cultivator, 20'
- 5937 Krause 1928 Disc 25'
- 5054 Krause 2143 Disc 42'
- 5457 Krause 2413 Disc 23'
- 5578 Krause 3 Bar Harrow
- 5561 JD 210 Disc 13'
- 3453 JD 5 Bot. Plow
- 5419 JD 22 Shank Chisel Plow
- 6247 J.D. 310 Disk
- 3452 MF 800 Plow, 7 Bot.
- 5121 Dunham Lehr 29' Crowfoot Packer
- 5534 Glencoe Soil Finisher, 20'
- 3301 Wilrich Field Cultivator, 37'
- 5564 AC 2300 Disc 14'
- 1657 Case K23 Disc Harrow 22'
- 1512 Miller 8500 Offset Disc 26'

MOWERS

- 5577 Rhino 20' Flex Wing Mower
- 5569 IH 60 Shreader
- 5702 NH 462 Disc Mower
- 2739 MC 180B Shredder

COMBINES

- 5120 JD 7720 w/4WD, Chopper
- 2622 JD 7700 w/Chopper
- 3057 JD 7700 w/Chopper
- 3058 JD 7700 w/Chopper
- 5782 IH 1460
- 5447 IH 1480
- 5872 IH 815
- 2108 IH 1480 Reconditioned

GOOD SELECTION OF CORNHEADS AND PLATFORMS

case IH

HOOBER EQUIPMENT INC.
Rt. 301 Middletown, DE. 19709 (302) 378-9555

NEW HOLLAND

Ask us to demonstrate a Sperry New Holland round baler. If after that demonstration you *buy* a round baler . . . even a competitive unit . . . Sperry New Holland will send you a check for $100.00.

Hurry—offer expires September 30, 1985.

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SPERRY NEW HOLLAND

MESSICK FARM EQUIPMENT, INC.

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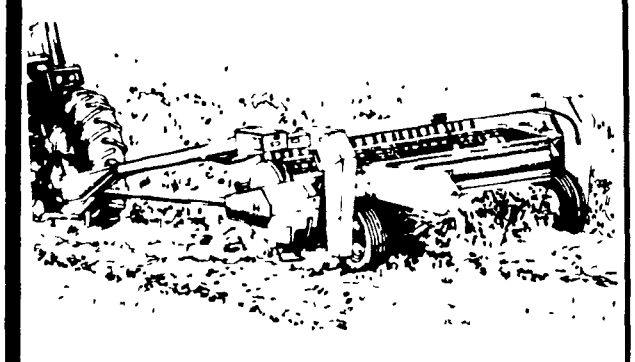
QUALITY HAYMAKER!



International® 1190 Mower-Conditioner

- Rolls separate automatically when header is raised so you can clear slugs from your tractor.
- Simple equalizer hitch lets you turn sharp without losing performance.
- Intermeshed rubber conditioning rolls.

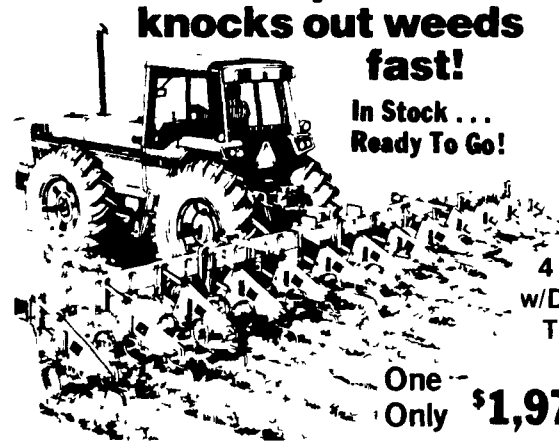
SEE THE NEW case IH RED TRACTORS

On Display:

- **MODEL 2294**
  2 WD, 131 H.P.
- **MODEL 3294**
  4WD, 162 P.T.O. H.P.

International® 183 Row-Crop Cultivator knocks out weeds fast!

In Stock . . .
Ready To Go!



4 Row w/Danish Tines

One Only $1,975

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Let Us Help You Sell Your Excess Used Farm Equipment.

- FREE Advertising
- Pickup & Delivery Available

Our Experienced Salesman Can Move Your Excess Equipment.

GOOD CLEAN USED EQUIPMENT

HAY & FORAGE
- IH #7 Flail Chopper
- NH 36 Flail Chopper
- IH #40 Shredder 4 Row
- NH 2 Row Snapper 30 Rows
- NH 718 Chopper w/Head
- Dion Wagon and Gear
- NH 849 Round Baler Baled Only 26 Bales
- NH 315 Baler, Ex Condition
- NH Model 495 12 Ft Haybine
- IH 56 Blower
- NH 479 9 Ft w/Flotation Tires
- Hesston 1090 Mower Conditioner
- Hesston 1010 Hydro Swing Mower Conditioner
- Kuhn 4 Spinner Hay Tedder
- IH 830 Forage Harvester 3 Row Cornhead & Pickup Attachment
- IH 555 Forage Harvester w/Cornhead & Pickup Attachment
- IH 717 Forage Harvester w/Cornhead & Pickup Attachment

PLANTING & SEEDING
- IH 400 Planter w/Liquid Fertilizer, 4 Row
- IH MF Drill 16x7 Disc Opener
- JD 16x7 Grain Drill Disc Openers
- IH 400 Planter 6 Row w/Dry Fert

TILLAGE
- Oliver 4 Row Cultivator
- AC 10 Ft Disk Harrow

SPREADERS & GRINDER MIXERS
- NI 218 Spreader w/Gate Tandem Axle Nice 10 Ton
- NH 519 Spreader w/Top Beater Gate Splash Guard
- NH 676 Spreader w/Hyd Gate
- NI 214 Spreader w/Double Beater Original Paint On Floor Like New
- NI 218 Spreader w/Tandem Axle New Web
- NH 790 Spreader w/Hyd Gate
- NH 512 Single Beater

SKID LOADERS
- NH L425 Skid Loader (Renter)
- NH 775D w/Bucket Good Condition
- Case Skid Loader 30 H P w/2 Buckets
- NH L775 Skid Loader w/D130 Backhoe Ex Condition

TRACTORS
- IH 584 360 hrs like new
- IH 706D Nice
- Ferguson 30 w/Woods Mower
- IH 656 Wide Front 3 Pt
- Farmall 460

EXCELLENT USED EQUIPMENT

- NH 1495 Haybine, Diesel, 380 Hrs., Full Cab & Air, Ex. Cond.
- NH 495, 12 Ft. Haybine, Ex. Condition
- Hesston 1010 Hydro-Swing Haybine
- NH 1900 Forage Harvester, S.P. w/4 Row Cornhead & Pickup Attachment

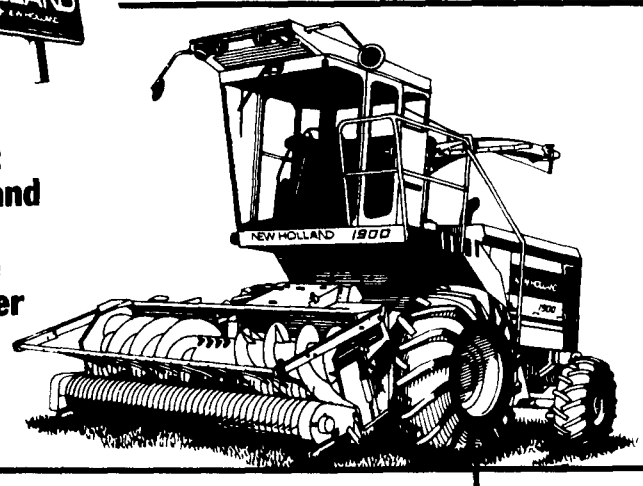
ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going. Call Jay Gainer, Our Parts Mgr. At Home 653-2238.

YOUR HAY MACHINE HEADQUARTERS

NEW HOLLAND

A NEW GIANT: New Holland 1900 Forage Harvester

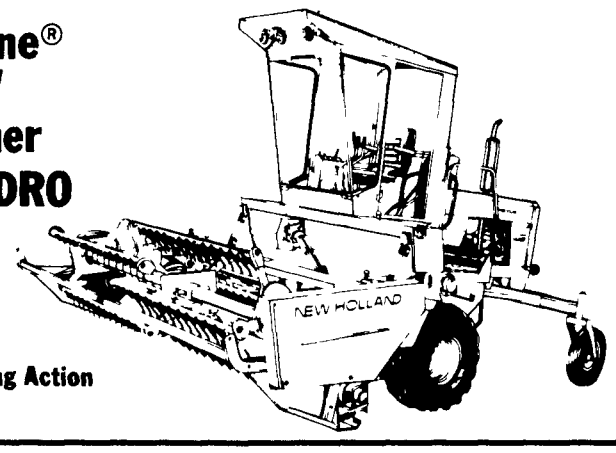
5 Year Cutter Head Warranty



Hay In A Big Way!

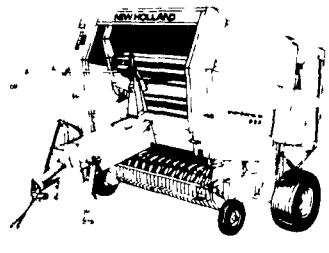
1495 Haybine® Mower/ Conditioner DIESEL HYDRO

- Cab & Air
- 12 ft. Cut w/9 ft. Conditioning Rolls for Faster Drying Action

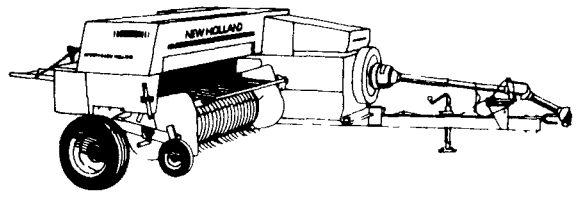


NH MODEL 855 ROUND BALER

The Capacity Champ that turns out solid, well-shaped bales weighing up to 1700 lbs.

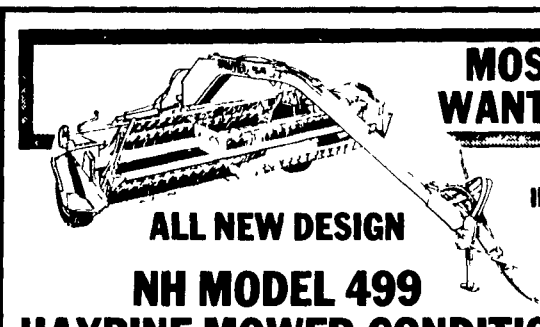


NH MODEL 316 BALER



Built with extra rugged features to handle tough crops.

MOST WANTED



ALL NEW DESIGN

IN STOCK READY TO GO

NH MODEL 499 HAYBINE MOWER-CONDITIONER

12 Ft., Pivot Tongue w/Adjustable Guard Angle And Standard Guards
9 Ft. Conditioning Rolls

BULLETIN

0% FINANCING On All New Holland Equipment

0% FINANCING FOR 12 MONTHS

- Waiver of Finance On All New & Used Hay & Forage Equipment Till September 1, 1985

OR • Cash Rebates Up To $6300

OR
- 0 % Financing - 12 Mos.
- 5 % Financing - 18 Mos.
- 7.9% Financing - 24 Mos.
- 9.9% Financing - 36 Mos.
- 11.9% Financing - 48 Mos.

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1 FARM EQUIPMENT

JOHN DEERE

USED EQUIPMENT
JD 950 Roller Harrow
JD 4040 Tractor
BMB 7' Rotary Cutter
JD 115 Rear Blade
Bush Hog - 18' Disc Harrow
(2) JD 110 Tractor & Mower
JD 70 Tractor & Mower
Bolens 18HP Tractor & Mower & Snow Blower
Simplicity Tractor & Mower
Jacobson Rider
JD 1250 Planter
JD 4020 Gas Tractor
MOTT MOWER-48 In.
JD 4400 Combine
JD 105 Combine
1-JD AW disk harrow, 14'
4440 Tractor w/cab & air
20.8x34 JD Hub Dual
18.4x34 Snap On

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 7000 - 4 Row & 6 Row Conservation Planter
1 - JD 506 Gyramor
2950 Tractor
JD 2350 Tractor

OTHER LINES NEW EQUIPMENT
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)

COVERT & SONS, INC.
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

USED TRACTORS
Farmall H
AC C
JD 4010
JD 60 w/loader
AC 6080 w/cab
AC D17
AC 170
JD 4320 w/cab
Ford 8N
Ferguson 20 & 30

NEW TRACTORS
AC 6140 2WD
6060 2WD
6070 2WD
6080 2WD
6080 FWD
8030 FWD
KUBOTA M4950
M5950
G,B,L & M series

NEW EQUIPMENT

GEHL:
Skid Loaders
Grinder Mixers
Forage Blowers
Forage Harvesters
Forage Boxes
Wheel Rake

VICON:
Wheel Rake
Rake Tedders
Disc Conditioners
Fert Seeders

BOBCAT:
Skid Loaders

E-Z TRAIL:
Wagons
Gravity Boxes

AMCO:
Disc Harrows

MEYER:
Manure Spreaders
Feeder Wagon
Forage Boxes
Bale Racks

BUSH HOG
Mowers
Disc Harrows
Soil Hogs
Loaders

WOODS
Mowers

KNIGHT:
Spreaders

GLENCO.
Soil Savers
Field Cultivators

J & M:
Gravity Box
Augers

16' Steel Bale Rack
6 Ton Wagon
Used Tires
$1595

New
3 Pt. 4 Wheel Rake
$495

New
3 Pt. 5' Rotary Mower
$495

USED EQUIPMENT

Forage Boxes:
Lamco
(3) Badger
Kasten
(2) Grove

Mower Conditioners
NH 469
Vicon 240

Misc:
Glenco 7 Shank Soil Saver
10' Bush Hog Disc
IH 11' Chisel 3 Pt
Gehl 99 Blower (2)
JD 35 Forage Harvester
MF 43 Grain Drill
AC 438 Corn head

Peterman Farm Equipment
717-249-5338 or 249-2150
225 York Road
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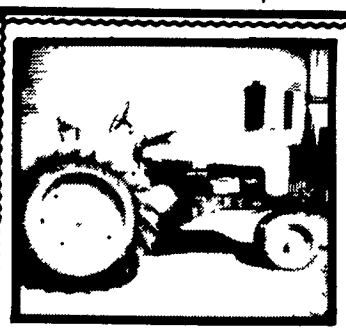
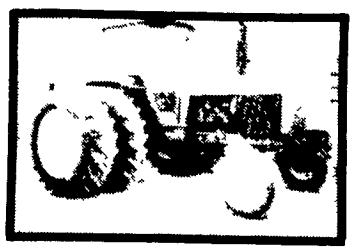
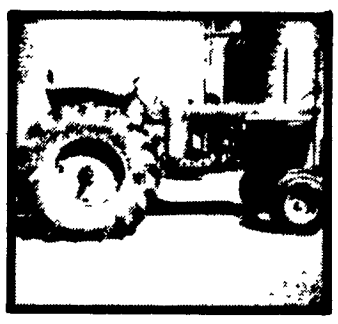
MF KUBOTA



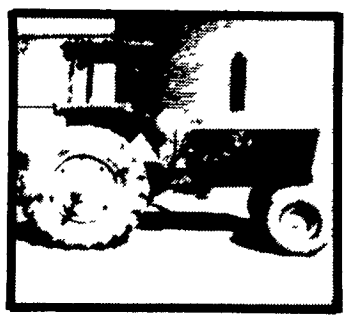
JD 730 Diesel
2700 hrs.,3 pt. electric start, nice.
$3,500



JD 4430
Cab, powershift, duals, wts., dual hyd., diff-lock. Original & sharp
$13,900



JD 4320
Side console, diff-lock, 120 hp, solid
$8,500



JD 4630
Powershift, 170 hp, dual hyd., diff-lock, clean
$11,500

OTHER TRACTORS
4230 - **$8,900**
4430 - **$9,800**

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Can Finance - No Sunday Calls

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The Farmer Finance Lease is now available through Agri-Lease®.

Highlights of the Telmark Agri-Lease Farmer Finance Lease include:

- Fixed purchase option written in lease
- Available on new farm equipment
- Our usual set of competitive rates apply

Contact your local Telmark representative today for all the details

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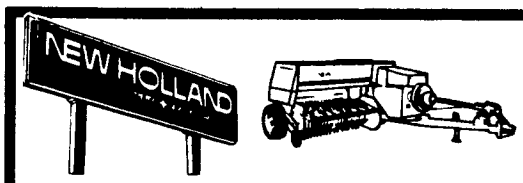
Agri-Lease. BY TELMARK



REDUCED PRICES ON LEFT OVER, NEW EQUIP. (Items Marked)
NEW HOLLAND 0%-12 MONTH FINANCING

NEW EQUIPMENT - IN STOCK

N.H. #311 Baler & 320 Baler	(SAVE)
N.H. #70 Bale Thrower	(SAVE)
N.H. #80 Round Bale Mower	
N.H. #474-7' Haybine	
N.H. #488-9' Haybine	(SAVE)
N.H. #256 Rake	
N.H. #25 Blower	($SAVE$)
N.H. #L250 Skid Loader	($SAVE$)
N.H. #L455 Skid Loader	(RENTAL UNIT)
N.H. #667 Flail Tank Spreader	(SAVE)
N.H. #791-360 Bu. Box Spreader	(SAVE)
N.H. #718 Forage Harvester-12 Knife	

USED & RECONDITIONED EQUIPMENT

HAY AND FORAGE EQUIP:

N.H. #477-7' Haybine ..... (GOOD)	$2700**
N.H. #474-7' Hay SOLD .. (LIKE NEW)	$4200**

BALERS:

N.H. #270 Baler	$1150.00
N.H. #67 Baler	$550.00

SPREADERS:

N.H. #513 Spreader	$1075.00
N.H. #362 Flail-Tank Spreader	$1075.00

HARVEST EQUIP.

N.H. #880 Harvester-New Knives	$1875.00
N.H. #717 N-2 Head	Save
HESSTON #7160 Harvester w/4-Row Head & 6' Pick-up Att. (Good)	$9950.00
N.H. #8 Forage Box W/3rd. Beater	$2350.00

MISC. EQUIP:

I.H. #56 Blower	$895.00
1-Van Dale Magnum Unloader	
1-14' Van Dale Unloader Complete w/5 H.P. Motor	$2250.00
1-14' Starline Unloader-Complete	$1995.00

SKID LOADER-"RENTAL"-CALL FOR INFO.
(NEW HOLLAND BALER TWINE IN STOCK)
"PEQUEA" HAY TEDDER
7'-P.T.O. UNIT (SPECIAL SAVINGS)

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Try one of Kencove's High Power New Zealand Fence Chargers.

If in 30 days, you have not saved substantial time and aggravation from reduced fence & animal problems, return for full refund.

KENCOVE HIGH TENSILE FENCE
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PA 800-442-6823
Other States 800-245-6902

LOST CREEK IMPLEMENT
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JOHN DEERE

Coming In, 78 JD 6600 Side Hill, 1900 hrs., 643 corn head, 215 platform, loaded & sharp
JD 4400 Gas, rotary screen, cab, AC etc
Coming In, MF 760 combine w/hydro, cab, AC, 1163 corn head, platform
510 MF w/16' platform & 4 row corn head
750 MF w/14' platform, air cond., hydro, good $19,500
(2) JD 444 corn head
NI 314 2 row pull type sheller
NI 323 picker, 1 row, excellent
Waiver on New & Used

GREEN VALUE EQUIPMENT

USED TRACTORS
60 h.p. JD 2440, hi-low, 16.9X30, approx. 400 hrs., like new
JD 2010 Gas, nice $3,600
JD 630 Tractor, nice $2,800
JD 950 Tractor, 50 hrs., excellent
MF 65 tractor, good, new tires, reduced $3,200
JD B tractors, nice, reduced $900 each
Farmall C w/mower, plow, sharp, reduced $1,900
Farmall H, reduced $1,000
IH 350 utility, fast hitch
40 h.p. AC D15 Tractor, good, $3,200
Ansel cab w/AC and heater, AM FM, fits late style 2440, 2640, excellent, $1,800

TILLAGE
IH transport disc, 12', good
12' Heavy Ford disc, like new
(6) 2, 3, 4, 5 bottom plows
9' Case transport disk
18' transport harrow
JD BWA disk harrow 12

DRILLS & PLANTERS
JD 246 planter, very good
JD 1440 no-till planter, dry, insect, very good
JD 1240 planter, good cond
(2) JD 7000 4 row conservation planter, dry, insect., markers, monitor, excellent
MF Grain Drill, steel wheel, nice
(2) IH 56 4 row DD, dry fert
4 Row Oliver, dry insect. disk, reduced $1,500

HAY, FORAGE & MISC.
JD 750 grinder mixer, very good
JD 3800 Harvester w/5' PU head, 3 row narrow corn head, electric controls, excellent
JD 894 Hay Rake
JD 80 tool bar, 2 row cultivator
JD 216 Forage Wagon w/running gear $1,700
7' Woods, 3 pt. hitch blade
IH 440 Baler w/thrower, excellent
IH 55 Forage Harvester w/corn head
IH 440 baler w/thrower, $2,650
JD 800 SP windrower, 10', good condition. Reduced to $2,400
JD 16A flail chopper, very good
Ford 3 pt. hitch mower, $425
NH 479 haybine, $1,895
JD 34 Spreader, top beater, 1 yr. old, $2,600
(2) 512 NH Spreaders, $1,000
200 gallon Walsh Sprayer
JD 146 loader

(4) W Metal Hay Racks
Pequea Hay Tedders

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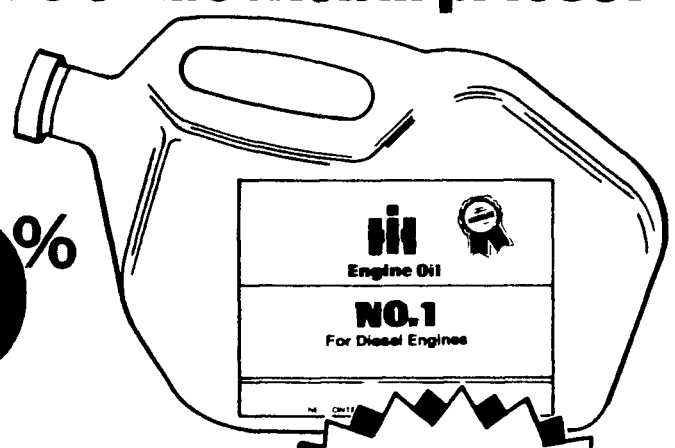
Get the IH difference...at Parts Value of the Month prices!

SAVE UP TO 20%
off regular IH suggested list prices



Save now on IH No. 1 engine oil, International Harvester's outstanding oil for diesel engines Its special blend of additives prevents oil breakdown at punishing temperatures And its superior acid-fighting formula allows you to extend your oil change interval to 200 hours So save two ways Double your oil change interval and save 20% during our Buckets 'n Barrels Sale

NOW ONLY $6.93 per qt. in 5-qt. containers

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Big Inventory Of New Parts Call Us First! WE SHIP UPS DAILY!

USED EQUIPMENT

TRACTORS:
IH Farmall "C"
Int. 460 Farmall Gas
IH 544 Gas w/wide Front End
IH 674 Diesel, overhauled, Painted
IH 806 Diesel, WF, 3 Pt., Turbo – $6895
Farmall Super C w/Fast Hitch & Cult.
AC Model "G" w/cult., Plow, Sickle Bar-Reel Nice, ~~$1,800~~ $1,700
Farmall 400
Int. F12 w/cult.
IH 450 Gas, wide Front – $1,950
IH 404 Gas Low Utility, 3 pt Hitch, w/Mott Mower, Engine Overhauled
MF 33 w/3 pt. Hitch
MF 235 Diesel w/236 Q Loader
IH 240 w/Fast Hitch
Ford 641 Dsl w/Allied Loader, Real Nice - ~~$4,250~~, Now $3,950

TILLAGE:
Case 4-Bot 16" Hyd Auto Reset Plow
Athens 11 Ft Chisel Plow, 3 pt Hitch
JD 950 12' Packer Mulcher, Real Nice!
Brillion 16' Single Packer, Like New
Brillion 10' Packer Mulcher
Brillion 12' 3 pt Hitch Chisel Plow, Like New!
Pittsburg 11'6" Disk
JD KBA Disk, 9' – $750
JD KBA 12' Disk
JD 1710A 12' Trailing Mulch-Tiller
IH 37, 35 In Various Sizes
IH 540 4-Bottom Semi Mtd Plow
IH 645 Vibra Chisel, 13½', Trailing
IH 315 12'4 Packer Mulcher
1-Bot Trailing Plow
Vicon 10' Power Harrow – Was ~~$2,500~~ – Now $1,800

MATERIALS HANDLING:
Front Mtd. Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor
MF 711 Skid Loader w/Bucket
IH 2000 Loader, Less Bucket, Mount for IH 275

PLANTERS:
JD 1250, 6-Row, Dry Fert., Nice Shape!
IH 2-Row Fast Hitch
IH 2-Row Trailing
IH 455 4-Row
IH 456 4-Row, Nice Shape!
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump– Nice!
JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb.
IH 510, 16x7 Comb Drill w/2 Grass Seed Boxes
IH Fast Hitch, 2 Row Cult , Like New

HAY & FORAGE:
Int. 56 Blower, Rebuilt
IH No 51 Forage Wagon
NH No. 26 Blower
NH No. 27 Blower (Whirl-a-Feed)
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
(2) NH No. 6 Crop Carrier Forage Wagons - good shape – $1,150 ea
1014 Hesston Mower Cond
IH 420 Baler w/o Thrower
(2) IH No. Bale Throwers
Grove [SOLD] igon
5026 Elec Wheel, 8 ton Gears
IH Direct Cut Head For 15 or 16 Chopper

IH PARTS COMBINES:
IH 315 Hydro & Plat
IH 315 Gear & Plat
IH 403 Gear, 4R Wide Hd & 12 Ft. Plat.
IH 227 Cornhead

OUTDOOR POWER EQUIP.
IH 149 w/42" Mower
IH 1250 w/Mower
IH 1282 w/42" Mower
IH 1650 w/Mower
Cub Cadet 108 w/Mower
Cub Cadet 106
Cub [SOLD] 27
(2) Cub Cadet 105's w/mowers
(2) Model 7016 Simplicitys w/42" Mowers-Nice Shape!
Cub LeBoy w/Mower
184 w/60" Mower
1820 Grass Hopper w/52" Mower

COMBINES:
JD 6620 Diesel Hydro, 1980 Ex. Cond.
715 Diesel Hydro, Air Cond., w/13' Floating Cutter Bar and 744 Cornhead
AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape!
810 13' Cutter Bar, Like New
IH 430 WN 30" Cornhead
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 227 Cornhead, fits 315, 205 or 203
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

MISCELLANEOUS:
New FMC DO-10E 200 S, Electric Start, Pull Type or Skid Mount Sprayer, 200 Gal Stainless Steel Tank w/10 GPM Pump– $3,150
McCurdy 20' Trailing Harrogator– $1,300
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor– $750
ARPS 3 pt 78" Snowblower
New Midwest 9' Grain Body For Truck,– $1,350!
Athens 15' Bat Wing Mower (In Stock)
ROSCO 1 to 1½-Ton Roller, 7 HP B&S Engine, Nice Shape– $2,000

WANTED! We Need An IH 2000 Loader For IH 460 Utility

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June is dairy month

See Us For All Your Dairy Needs...

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BUTLER Livestock Systems

MADISON SILOS

Now's The Time...This New CASE-IH Equipment In Stock And Available For Immediate Delivery!

New Case-International 1896 And 2096 Tractors In Stock!
★ Ask For A Demonstration ★

Tractors:
234 Hydro, Gear, 2WD And 4WD Avail
244, 2-WD and 4-WD
254, 2-WD
274 D Offset Tractor
IH 284 2WD
385 D [SOLD] 5HP
684 Diesel
584 Row Crop Diesel w/Forward And Reverse Trans
584 Utility w/HD Front End And Forward & Reverse Trans. w/K & W Loader
Hydro 84 Row Crop
5088 w/18.4x38 Dual Radials, Heavy Duty Front End Demo.
5488 w/20.8x38 Radial Duals and Hvy. Duty Front End Demo.

Combines:
820 15 Ft. Head
810 13 Ft. Head

Grain Drills:
5100, 18x[SOLD]
5160, 16x7 Combination

Cultivators:
183, 4-Row Wide
181, 15' Rotary Hoe

Soil Preparation:
145, 3-Furrow Rollover
720, 6-Furrow on Land
730, 4-Furrow Vari Width
735, 6-Furrow Vari Width-old, old price

Chisel Plows:
5513, 3 Pt – 13 Ft.
6511 Consertil, Demo – 11 Ft.
4623 Field Cult Trailing, Demo. – 23 Ft
4630 Field Cult. – 30 Ft

Sub-Soilers:
No 10 Subsoiler Chisel, 5 or 7 Shank (2)
No 14 Auto. Reset, 5 or 7 Shank (2) Demo Unit, Rental Avail

Disk Harrows:
496, 18'7, 7½" Spacing, Cushion Gang, DEMO
496, 19'1, 9" Spacing, Cushion Gang
496, 22", 9" Spacing, Cushion Gang, DEMO

Planters:
800, 4-Row Plate, On Rental
800, 4 Row Air, Just Received

Packer Mulchers:
415, 12'2
415[SOLD]
415, 20'10, DEMO

Hay Equipment:
428 Baler
3450 Round Balers (2)
1190 Mower Cond., 9' (2)
35 Hyd. Drive Rake

For. Harvesters:
881 Model
600 Blowers
No. 10 Flail Chopper
No 50 Shredder

Materials Handling:
2250 Loader
2350 Loader
530 Spreader
540 Spreader
560 Spreader
550 Spreader
595 Spreader

Your Complete CASE-IH Dealer For Farm Equipment, Parts And Service!

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- ★ Butler Livestock Systems
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- ★ Ag Chem Sprayers & Parts
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- ★ Woods Mowers, Blades & Backhoes
- ★ Trailblazer Foam Markers

1 FARM EQUIPMENT

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, PA.
215/273-3131 or 215/273-3737

Pittsburgh 4B 18" Semi Mtd Auto Reset Plow $5275
Dunham 3 Bar 8 Tooth Chisel Plow
Spring Loader 32" Shanks $1695
Dunham 8' & 10' Cultipackers ..... Special Prices

USED EQUIPMENT

(2) NH 315 SS Baler Exc.
NH 273 SS Baler
NH 273 SS Baler w/54A Thrower Ex. Cond.
NH 276 SS Baler
NH 28 Blower
NH 717 N2 Corn Head
NH 489 Haybine
Butler Oswalt 1830 Ensilmixer
Case 4B Plow
NH 717 Harvester
McCurdy Grain Bin
NH 354 Grinder Mixer
NH 353 Grinder Mixer
NH 519 Spreader
Brillion 12 ft. Field Cultivator

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NEW HOLLAND
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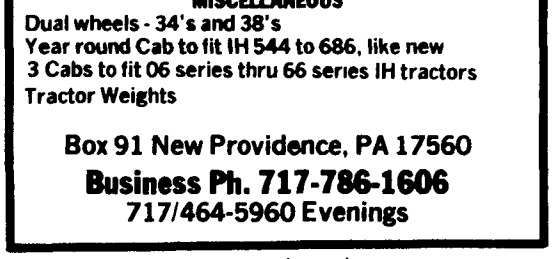
Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A WARRANTY/WILL DELIVER ANYWHERE

JD 4640, PS, fact. cab & air, 20-8-38 radials
JD 4240, PS, fact. cab & air, clean
(2) JD 4430, Quad range, factory cab & air, nice
JD 2940 1980 model w/800 hrs. fully equipped
JD 2[SOLD] Hi-Lo, fully equipped
JD 4030 w/cab, 38" rubber
JD 4020 Di[SOLD]l, 16-9-38 rubber dual outlets, wide front
JD 2640 Utility w/Hi-Low, fully equipped w/JD 146 loader
JD 2640 Row Crop w/15.5x38 rubber
JD 3020 D, P/S, WF, dual outlets, complete engine overhaul
JD 3010D, wide front, dual outlets
JD 530 fact. 3 pt.
JD 70 D w/WF & 3 pt.
IH 1566 factory red Cab w/air fully equip, exc cond
IH 1086 factory cab w/air fully equip
IH 966 fender tractor, 3 pt. WFE
IH 1256 w/complete engine overhaul
IH 886 Fact. cab & air, new TA
IH 686 Diesel, very nice fully equipped w/new cab
IH 884 w/TA, dual PTO's & dual hyds
IH 856 Dsl. tractor w/turbo, 3 pt. WFE 38" rubber
IH 856 Diesel WF, 3 pt. Original
IH 806 Di[SOLD]l w/yr. around cab, 56 series shift, 38" rub
IH 656 Diesel, fast hitch WF, dual hyd
IH 574 D w/Quik Tach Loader
IH 560 Diesel w/Turbo
Farmall M
Ford 2000 Diesel w/4 & 2 speed
AC 5040 w/700 hrs. $5,000.
IH 4 BT 16" Fast Hitch Plow w/rake
JD 146 Loader for JD Utility Tractors

HARVESTING EQUIPMENT

NI Power Units 708, 707, 705, 702, 701
NI 717 combine
NI 737 Husker
NI 741 Quicktach Throat
NI 844N 4R Narrow
NI 738 4 row narrow corn head, w/stripper bars
NI 735 3 row narrow corn head w/stripper bar
NI 730 4 row wide corn head snapper rolls $1,000
NI 767 Super Chopper w/electric knife sharpener
NI 743 3 row narrow quick tach w/stripper bars $2500
NI 729A sheller

MISCELLANEOUS

Dual wheels - 34's and 38's
Year round Cab to fit IH 544 to 686, like new
3 Cabs to fit 06 series thru 66 series IH tractors
Tractor Weights

Box 91 New Providence, PA 17560
Business Ph. 717-786-1606
717/464-5960 Evenings

WET LIME SPREADER

Some farmers are saving as much as $16 per ton spreading their own lime!

- Spread it when you want it spread
- Rugged construction, built to last
- Great for fertilizer, poultry waste and similar material
- Truck mounted in 9' to 14' lengths
- Tractor drawn in 2, 5, or 8 ton models

SOWER SPREADER

With today's prices you can't afford to waste fertilizer.

- Accurate, even spreading, as much as you want right where you want it.
- Designed for all types of dry, free-flowing materials such as dry lime, rock phosphate and fertilizer.
- Truck mounted or tractor drawn

Buy direct from the factory for the best price!

C.U. Stoltzfus
MANUFACTURING INC
"Leaders in the field for over a quarter century."
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FOR SALE

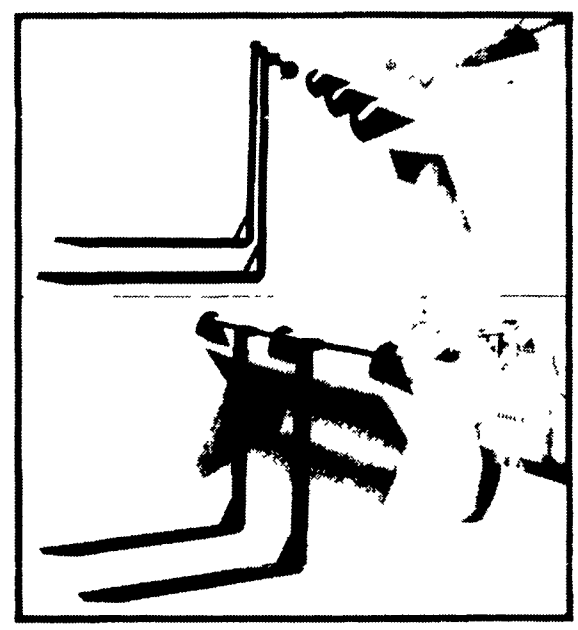
IH 1566 w/duals
MF 2705, 8 speed, cab & air
MF 1855 w/mower
JD 212 w/mower
MF 1135 w/duals, cab & air
NH Super 717 Harvester, 2 row head & pickup
NH 489 Haybine
4x4 PTO irrigation pump
3000' of 6" & 4" pipe
Nelson 200 Big Gun nozzle, new
IH 12' Vibra Shank
JD frontend weights

L & M BURKHOLDER
Ephrata, PA
717-859-2960
717-859-2712

DRIVE-IN FORKS FOR LOADERS

The Original "Fork Lift Attachment"

- Increases utilization of loaders for handling pipe, conduit, shoring, sheeting, brick, lumber, equipment or other materials.
- No tools or labor required when attaching or removing forks. To attach simply drive into the fork lift and hook the brackets, which have been welded onto the bucket, under the rod.
- Tine spacing quickly and easily adjusted from 1" to 72".

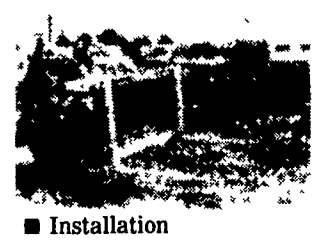


AVAILABLE IN SEVEN SIZES
2,500 - 4,000 - 6,000 - 8,000
11,000 - 16,500 - 22,000 Lbs. Capacity

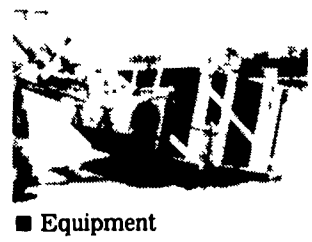
The unique, patented "Drive-In" Fork Lift Attachment converts any front-end loader into a multipurpose fork lift machine in seconds! Additional loaders can be equipped with mounting brackets to use the same set of tines. Great for on-site material handling.

■ Quick

■ And Easy

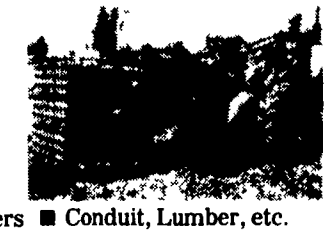

■ Installation

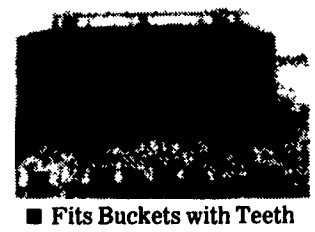
■ Handles — Pipe


■ Equipment

■ Palletized Loads

■ For Crawler or Wheel Loaders


■ Conduit, Lumber, etc.


■ Fits Buckets with Teeth

MOUNTING

The mounting brackets are permanently welded to the top lip of the bucket. In use the brackets on the bucket are hooked under the bar connecting the Fork Lift tines, permitting instantaneous conversion to fork lift operation. Additional mounting kits are available so that more than one loader can be equipped to carry a "Fork Lift Attachment."

For perfect alignment to bottom edge of bucket, or for smaller and off-size loader buckets, extra rod holders may be welded to the vertical member of the tine.

MUST BE ORDERED Delivery 10 Days To 2 Weeks

SPECIFICATIONS	Model 25	Model 40	Model 60	Model 80	Model 110	Model 165*	Model 220**
Fits bucket opening	under 31"	to 40'	to 46"	to 52"	to 64"	to 64"	to 64"
Overall height	37"	46"	54"	60"	74"	74"	74"
Length of tines	35"	42"	46"	48"	48"	48"	48"
Tine size	1½" x 3"	1½" x 4"	2" x 4½ '	2" X 6"	2½" x 6"	2½" x 6"	2½" x 6"
Adjusting width	1" to 55"	1" to 72"	1" to 72"	1" to 72"	1" to 72"	1" to 72"	1" to 72"
Weight	230 lbs	335 lbs	577 lbs	829 lbs	1221 lbs	1796 lbs	2300 lbs
Mounting brackets	3	3	4	4	4	6	8
Attachment load capacity (at center point of tines)	2500 lbs	4000 lbs	6000 lbs	8000 lbs	11000 lbs	16500 lbs	22000 lbs

*Model 165 has 3 tines **Model 220 has 4 tines

BINKLEY & HURST BROS., INC.

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Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours Mon - Fri 7 A.M. - 5 P.M.,
Sat 7 A.M. - 11:30 A.M. Sun Closed - Lord's Day

1 FARM EQUIPMENT

1500-gal. Tank Will Load in Approx. 1½ Min.

✓ Check These Outstanding Features on the SLURRY BUGGY

A liquid manure spreader that loads and unloads and has no chains, bearings, fans, augers, or moving parts that touch manure.

- ✓ Tanks are made of 5/16 thick metal
- ✓ Large air cooled vacuum pump
- ✓ Pump has not only a primary trap but also a large secondary moisture trap
- ✓ Pump has an air precleaner
- ✓ A 6 inch hydraulic operated brass valve for unloading
- ✓ Has 3 different manure spreading patterns
- ✓ Tank has a float level indicator and signt glass
- ✓ A 20 inch rear manhole for easy access to tank
- ✓ Priced at $5 625

Optional Features:
Heavy Duty tool bar with tooth spring loaded injection
6 inch side valve large flotation tires

Farmers rebuild your tanker with one of our new pumps (192 cfm @ 10 HG)
$1,275

We have 6" and 8" Tapered brass valves for your Liquid Manure Handling Needs.

SLURRY BUGGY EQUIPMENT
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TANKS FOR SALE

Rotec Agri-tanks, all shapes & sizes. Strong one-piece, seamless polythylene w/ultra-violet inhibitors, super sun & weather resistant, 25-2250 gal.
Factory to Farm Prices
Some Used tanks, 265 gal, $100
Also pumps, hoses, and fittings.
"Used Irrigation Pipe, pumps & supplies delivered to your farm. 4, 5, & 6" In Stock"

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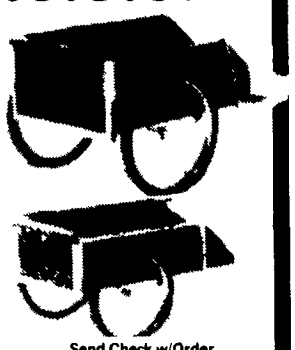
264-7492

FARM and GARDEN CARTS

Build your own carts Kit includes all metal hardware bolts wheels and instructions Not plywood All prices are post paid in U S A Penna non farm use add 6% sales tax

Big No 26 cart kit	$90.00
One set 26 wheels	$48.50
Med No 20 cart kit	$75.00
One set 20 wheels	$43.00

Medium No 20 Cart Completed $98.00
Big No 26 Cart Completed $125.00
At Our Location



Send Check w/Order to
Lawn and Garden Mfg.
Box 335 RD #2
Stevens Pa 17578
(215) 445-5090

SUPER SPECIAL OF THE WEEK
USED AC 7060 w/Cab, Air, PS, 160 HP Fantastic Price

6070, 6080 2W, 6080 FWA, 8010 FWA, 8030 2W

USED EQUIPMENT

XT-190D with cab
XT-190D without cab
AC 5 Bottom Hyd. Reset Plow
Model 2300 10 ft. Disc Harrow
7060 PS with cab
Wilbeck 7'shank chisel plow
IH 1300, 7', 3pt. hitch mower, new condition
AC 4 bottom SC plow
Used E-3 330 corn head, excellent condition
AC LKSHY Combine w/630 Corn Head and 13 Ft. Grain Head

SPECIAL SAVINGS ON ARTS-WAY SILAMIX & MILL MIXERS

COMPARE OUR PRICES ON WOODS MOWERS

B. EQUIP. INC.
8422 Wayne Highway
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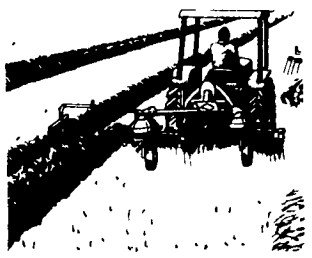
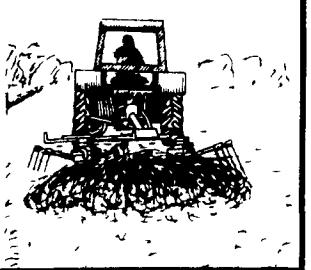
11'6" WORKING WIDTH - Rakes Without Roping

TWO MACHINES IN ONE!

Do You Want The Efficiency And Effectiveness Of Both Rake And Tedder Combined Into One Machine?



Then Check Into A MODEL GRS 25



MODEL 452 ... A Tedder That Works

17 FT., IN STOCK

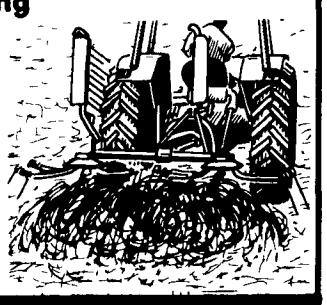
Gryotedder GF 452 Tines on gear driven rotors mesh to crimp hay gently lift fluff and spread hay for faster curing Trouble free operation No belts or chains Optional gearbox provides slower rotor speed to produce two light windrows 17 ft width Folds to 6 ft for transport 3 pt or trailing models

MODEL 440 13 Ft. TEDDER Also In Stock

SAVE ON RAKE-TEDDER COMBINATION TRY THE NEW ECONOMY MODEL GRS 24

10 FT. WORKING WIDTH
In Stock Now!
Rakes Without Roping

TWO MACHINES IN ONE!



BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
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KUHN

TRUCKLOAD SALE ON KUHN POWER TILLERS

35% OFF These Prices

A One Time Offer

WORKING WIDTH	REGULAR PRICE
40"	$1,325.00
44"	$1,375.00
50"	$1,425.00
60"	$1,955.00
70"	$2,225.00

Less 35%

Heavy Duty Quality At Economy Prices With Many Special Features

NOTICE! UNHEARD-OF-PRICES ON THE FOLLOWING SIZED NON-RADIAL REAR TRACTOR TIRES:

- 20.8x38
- 20.8x34
- 18.4x38
- 18.4x34

CASH & CARRY

Housecleaning Prices That Are Hard To Believe!

COME & PLACE YOUR ORDER NOW

Prices Are Too Low To Advertise!

9 TON DECK-OVER-WHEELS 9 DOW

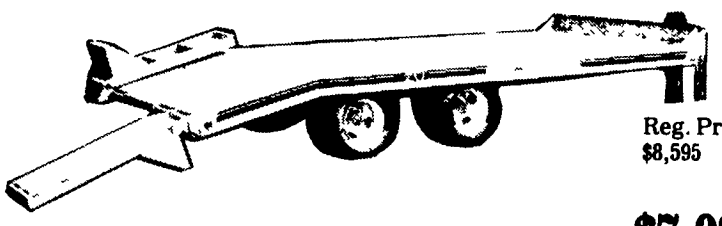
ONLY **$4,197**

Eager Beaver

NEW WITH ELECTRIC BRAKES!

10 Ton Heavy Duty Brakes 10HDB

- Capacity: 20,000 lbs. at 54 MPH
- Overall Length: 24'6"
- Overall Width: 96"
- Deck Length: 20'
- Deck Width: 96"
- Deck Height: 32½"
- Trailer Weight: 5,800 lbs.
- Tires: (8) 8.75x16.5 (E)



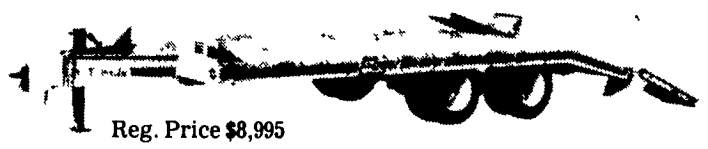
Reg. Price $8,595

SALE PRICE **$7,085**

Don't Miss This One!

Eager Beaver

10 TON TRAILER w/AIR BRAKES



Reg. Price $8,995

Capacity at 54 MPH	Trailer Weight	Gross Vehicle Weight at 54 MPH	Overall Length	Overall Width	Deck Length	Deck Width	Deck Height
20 000 lbs	5 800 lbs	25 800 lbs	24 6	96	20	96	32½
9 072 kgs	2 631 kgs	11 703 kgs	7 468mm	2 438mm	6 096mm	2 438mm	826mm

INTRODUCTORY OFFER ONLY **$7,385** NO F.E.T.

NEW DUAL WHEEL SETS

In Stock At Discount Prices

SPECIAL OFFER

REBUILT CASE 970

Yellow Model, Powershift, 100 HP, No Cab

2682 Hrs. w/Newly Rebuilt Motor, New Brakes, Double Hyd. Outlets, 540-1000 PTO

$8,900

BRAND NEW 4 WHEEL DRIVE 90 HP TRACTOR w/12 SPEEDS

CASE 1690

Front Weights Optional

Last One At LOW, LOW PRICE

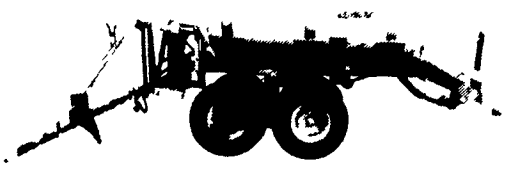
~~$18,900~~

$17,900

Demco HCP SERIES

500 GALLON HIGH CLEARANCE SPRAYER

Shown with optional tandem axle



- 500 gallon elliptical polyethylene tank with sump & baffle
- Two dual jet agitators
- 16 Fillwell with 3 center cap
- Adjustable wheel spacing
- Available with roller pump, centrifugal pump or Lil Thumper Piston Pump
- Three section boom control
- Electric shut-off standard with Piston Pump equipped models
- Three ton hubs and axles with 15 x 10 heavy-duty wheels
- Vertical and horizontal boom breakaway on all models
- Adjustable nozzle spacing

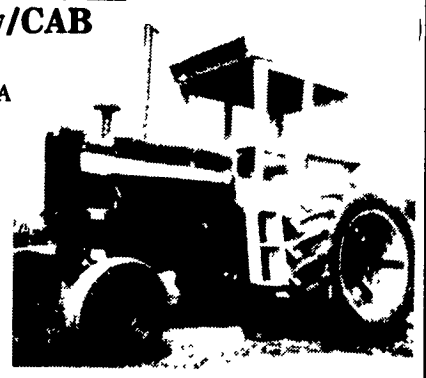
500 Gal. Demco Single Axle Trailer HCP, w/40 Ft. Boom, Centrifugal Pump

In Stock **$2,995.00**

SPECIAL OFFER IH 1256 DIESEL TRACTOR w/CAB

New Clutch, New TA New Brakes, New Head Gasket & Valve Job, Good 18.4x38 Tires, Dual Remotes, 540/1000 PTO, Extendable 3 Pt. Htich Arms.

Very Clean, Sound Tractor Ready For Work!



ONLY **$8,860**

SPECIAL OFFER On Quality Built Rakes

NOTICE:

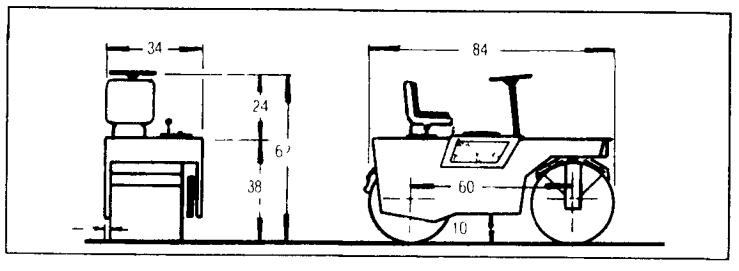
Rake your hay, straw and corn fodder with an inexpensive, 3 pt. Wheel Rake For Only

$495.00

Could You Use A Brand New High Quality Asphalt Roller?

We Have In Stock Now A New 1 to 1½ TON HYDROSTATIC DRIVE EAGER BEAVER ROLLER

For Immediate Delivery



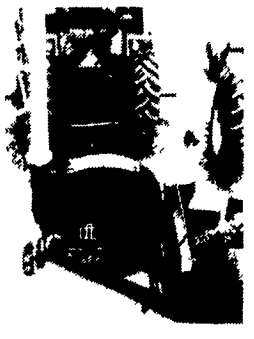
Overall Length	Overall Width	Overall Height	Front Roll Width	Front Roll Diameter	Rear Roll Width	Rear Roll Diameter	Weight Empty	Weight Loaded	Turning Radius Inside	Turning Radius Outside
84	34	62½	27	24	30	24	2 000 lbs	3 000 lbs	10	12 3
2 134mm	864mm	1 588mm	686mm	610mm	762mm	610mm	907 kg	1 361 kg	3 048mm	3 734 mm

Regular Sale Price $5,325

SPECIAL EARLY ORDER DISCOUNT SALE PRICE ONLY $4,950

NOTICE: Also Available From Factory Is A 2 To 3 Ton Roller - Call For Price!

YOU NOW HAVE A CHOICE OF HIGH CAPACITY FORAGE BLOWERS

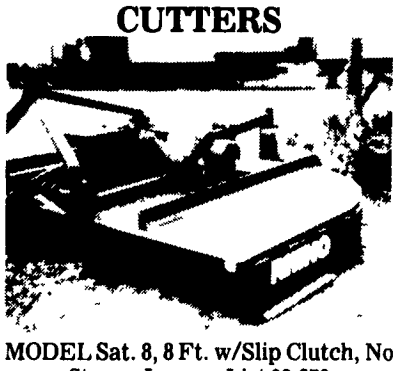


INTERNATIONAL 600 FORAGE BLOWERS

Big Capacity & Rugged Dependability Let You Unload Fast & Stay On The Job!

CALL FOR DETAILS

RHINO HEAVY DUTY 8 FT. CUTTERS

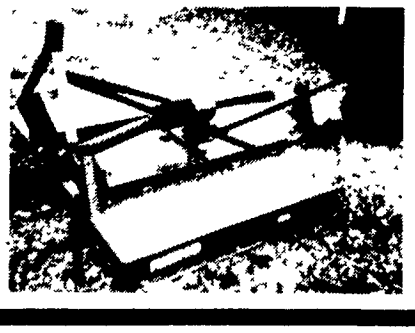


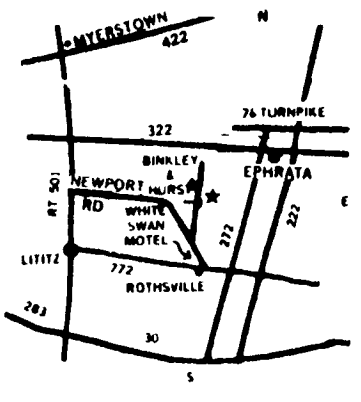
MODEL Sat. 8, 8 Ft. w/Slip Clutch, No Stump Jumper List $2,879

SPECIAL SALE PRICE **$2,225**

RHINO SE SERIES ROTARY CUTTERS

- 4 Ft. Model SE4 List $525..... SALE **$425**
- 5 Ft. Model SE5 List $546..... SALE **$495**
- 6 Ft. Model SE6 List $929..... SALE **$695**
- 7 Ft. Model SE7 List $1,495 .. SALE **$1,196**





CASE MODEL 580C BACKHOE

Price Reduced

Cab, Heater, Power Shuttle

~~$18,300~~ **$17,300**

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Located ½ Mile North of Rothsville

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$1000 OFF SALE

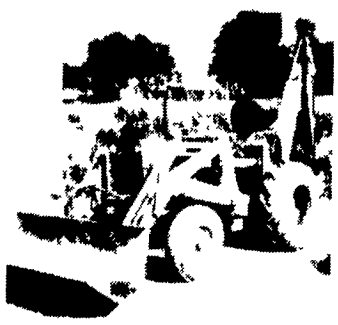
GEHL

Saves Those Tender Leaves!

CUT DOWN ON LEAF LOSS.

- ONE ONLY Brand New Gehl Mower 2130, 7'3" Cut w/Stub Guards For Rocks And Less Plugging w/Spring Cover. Serial #1688 (Lift Cylinder Not Included)
  Factory Price... ~~$7,017~~ **$6,530**
  -$1,000
  $5,530

Case 530 GAS BACKHOE LOADER

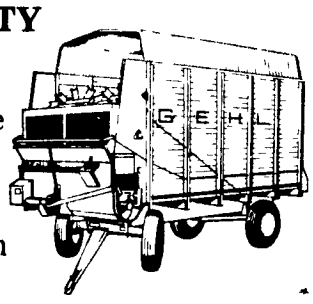


- Mechanical Shuttle Shift
- Motor Rebuilt 3 Yrs. Ago

ONLY **$5,900**

Get A $6,000 Value With A $1,332 DISCOUNT!

THE DOLLAR SAVER WITH QUALITY



The All New Gehl Model 650 Continuous Drive Forage Box 16 Ft. Long w/3 Beaters & Roof, Mounted On 8 Ton Wagon w/Quick Hitch & 11Lx15 8 Ply Tires. (No Rachet)

$4,668

PARTS DEPARTMENT NOTICE

We Stock And Have Just Received A Huge Shipment Of:

- International Harvester Parts
- J.I. Case Parts
- Better Bilt Manure Equipment Parts

NEW 3 PT. 3rd TOP LINK

SPECIAL ONLY **$16.50**

3"x8" HYDRAULIC CYLINDER

• 3" Tie Rod • 1¼" Shaft

$49.95

Parts Dept. Special NEW 8.00x14.5 F TIRES

Tire & Wheel Complete

On Rims To Fit Tag-Along Trailers

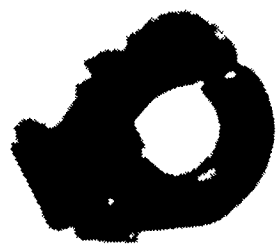
ONLY **$98.00**

PRICE REDUCED ON PINTLE HOOKUP ASSEMBLY

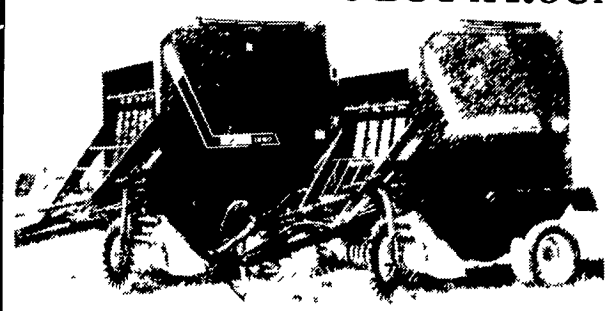
For 6 To 9 Ton Capacity

Reg. $76.50

NOW ONLY **$59.00**



YOUR PLACE TO BUY A ROUND BALER



GEHL Offers You More... TDC® , Total Density Control

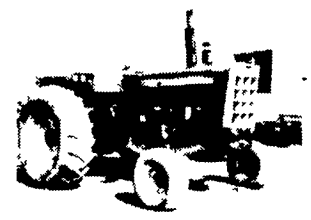
Small Core - High Density Wrap	Small Core - Low Density Wrap	Large Core - High Density Wrap	Large Core Low Density Wrap

Ideal For High Moisture Baled Hay

Round Bale Silage

The concept of baled silage, or balage, is rapidly growing as an alternative to regular baling. It's ideal when weather conditions are unfavorable for quality haymaking. Gehl balers, with their ability to make bales of various sizes in addition to nearly infinite densities, are the perfect balers for making balage.

OLIVER 1850 DIESEL



Underslung Wide Front End, 18.4x34 Approx. 60%, Double Remotes, Hyd. Outlets, 2 Speed Hydra Power

~~$5,900~~

$4,980

PRICED TO SELL

Don't Miss This One!

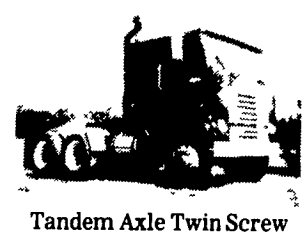
CASE MODEL 2590

Rated At 180 HP, Equipped w/Like New 20.8x42 Tires, Front End Weights, Approx. 3200 Hrs., in A-1 Condition
Was $23,800 w/Trade-In

NOW ONLY **$17,850**

13% Financing Available

Ready To Roll FORD w/CUMMINS DIESEL



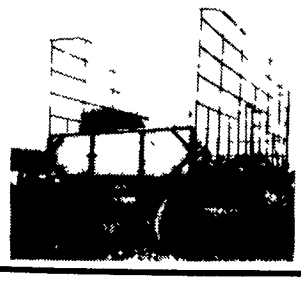
Tandem Axle Twin Screw

ONLY **$6,900**

One Only At This Reduced Price

TAKE 10% OFF PRICE SHOWN & BUY NOW!

LIKE NEW STEEL BALE WAGONS



(2) Danco Steel, 8'x16' Long, Bale Rack on 8 Ton McCurdy Wagon w/new 9.5Lx15 8 Ply Tires w/ Quick Hitch. Ready To Go!

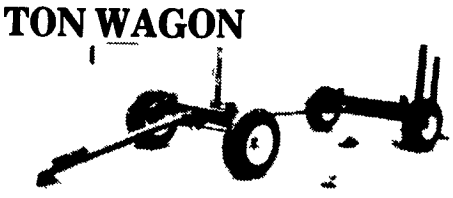
~~$2,090~~ LESS 10%
= ONLY $1,881

NEW 8 TON WAGON

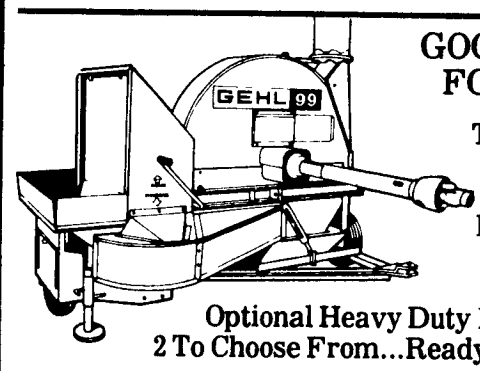
Buy Knockdown with 8" Rims & Adj. Quick Hitch For ONLY...**$460**

OR

Buy Setup w/11Lx15 8 Ply Tires & Tubes For ONLY **$733**



GOOD USED GEHL 99 FORAGE BLOWER



Two Blowers In One. Silo Bottlenecks Stop With Optional Heavy Duty PTO Shaft.

2 To Choose From...Ready For Delivery.

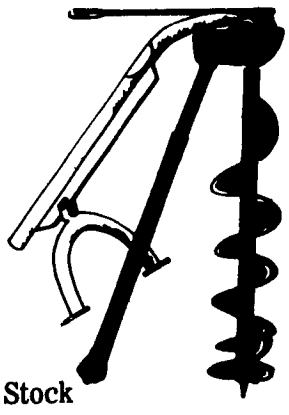
- MODEL 99 w/1000 RPM PTO...~~$1,795~~
  NOW ONLY... $1,485

SAVE $$$

Dig Those Post Holes With An Inexpensive Digger That Works!

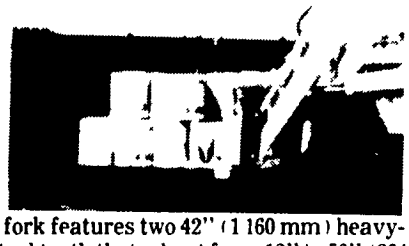
SPECIAL ON NEW 3 PT. HOOKUP POST DIGGERS

- w/12" Digger **$345**



- 9" Available & In Stock

Pallet Fork Attachment UTILITY HANDLERS



Pallet fork features two 42" (1 160 mm) heavy-duty steel teeth that adjust from 12" to 50" (304 to 1 270 mm) wide. Handy for fruit and produce handling and for moving palletized materials such as fertilizers and chemicals.

- Fits Case 54L Loader - Possibly Adaptable To Others

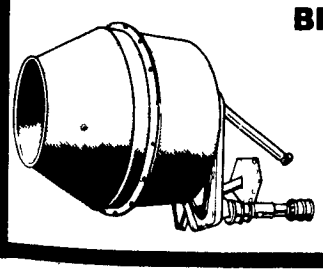
SPECIAL ONLY **$485**

IH 784 4WD w/62 HP Rating, Diesel w/Cab, Radial Tires On Rear, Double Hyd. Outlets, 540 & 1000 PTO, 3526 Hrs., New TA, A Solid, Clean Tractor Ready For Hard Work

$11,800

IDEAL FOR THAT SMALL CONCRETE JOB

BRAND NEW 3 PT. HOOKUP CEMENT MIXER



540 PTO Drive, Mix Capacity Approx. 84.5 Gallons
Most Competitive Models Priced Well Over $800

OUR DISCOUNTED SALE PRICE ONLY $485.00

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Located ½ Mile North of Rothsville
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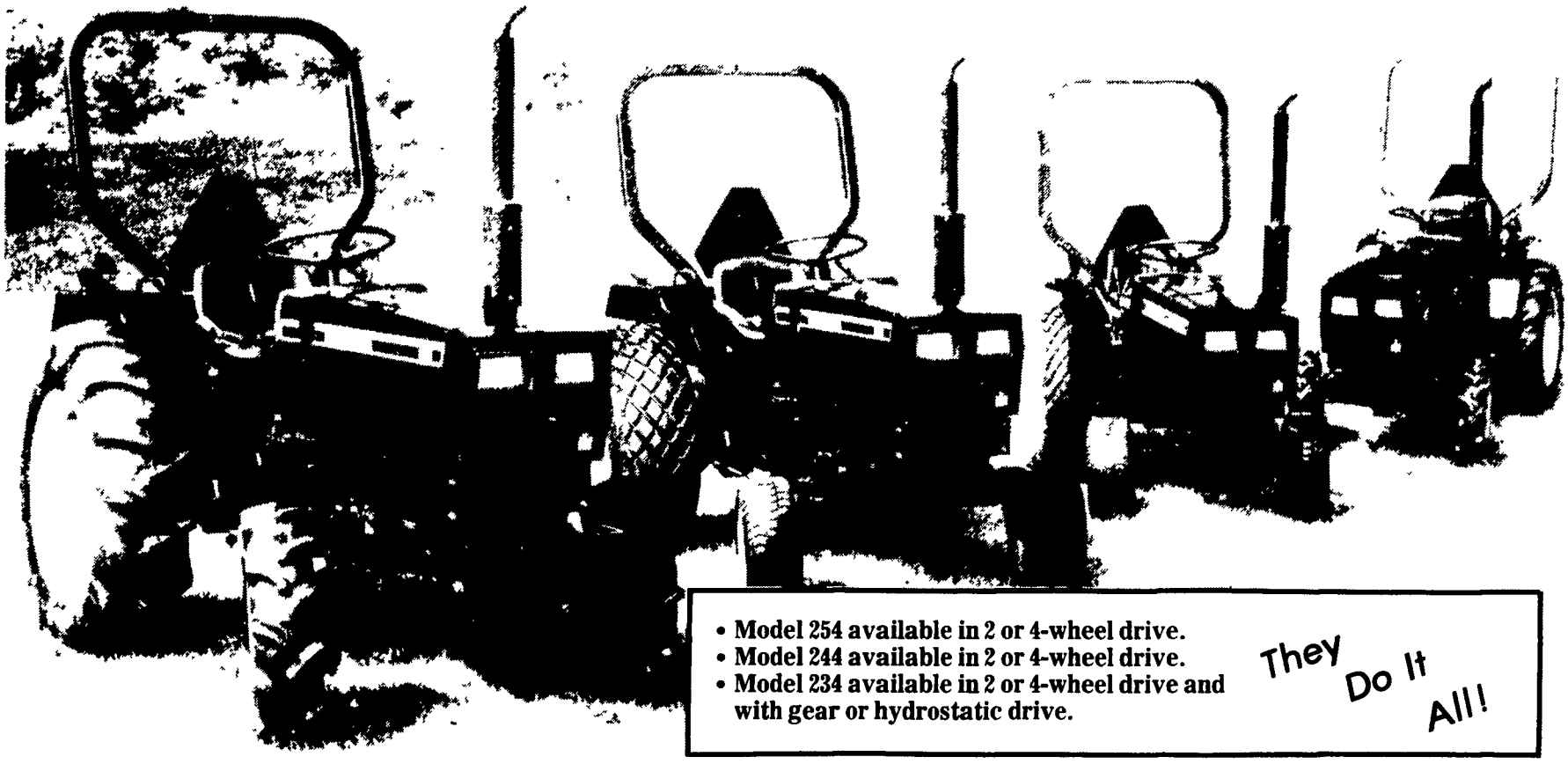
case IH

They're Here!
INTERNATIONAL 200 SERIES TRACTORS

case IH

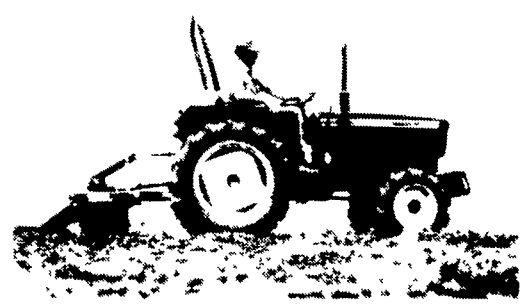
In Two Wheel And All Wheel Drive, With Turf Or Ag Tires



- **Model 254 available in 2 or 4-wheel drive.**
- **Model 244 available in 2 or 4-wheel drive.**
- **Model 234 available in 2 or 4-wheel drive and with gear or hydrostatic drive.**

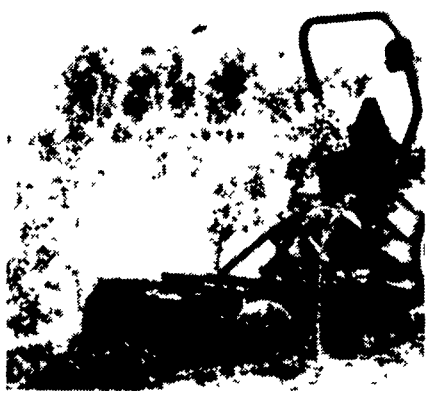
They Do It All!

Make fast work of any mowing job with a rear-mounted rotary mower Shown is a 48-inch (1219 mm) model Also available is a larger model which cuts a 60-inch (1524 mm) swath Either is a perfect match for the International 234 Hydro tractor 3-point hitch mounting PTO driven triple spindles



Here, the 244 4-wheel drive model is equipped with a PTO-driven rototiller This combination of agility, traction and capacity puts real pull power into field work 4-wheel drive and a loader or blade also makes the 244 ideal for use on small feed floors or in cramped livestock pens

The 254 4-wheel drive and a spring-tooth harrow make an excellent team for thorough, close cultivation of corn, soybeans vegetables and other row crops



This disk harrow is 3-point hitch mounted for excellent control Angling disk gangs

Keep cutting through tough prairie grass wiry Bermuda or any crop you want to handle with a sickle-bar mower

4-wheel drive and front-mounted blade adapts the 254 to snow removal and wide range of farm and light construction chores

You'll appreciate the flip-up hood that provides convenient access to the engine from the top or either side High-capacity, dry-type air cleaner The 12-volt battery is in front of the trash screen and radiator so it's easy to reach for service Model 234 shown

Our Prices Are Very Good, With Service To Back It Up!

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Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM - 11:30 AM; Sun. Closed - Lord's Day

Are You Ready For This, TAKE 10% OFF

IF IT'S QUALITY YOU WANT, THEN IT'S GEHL YOU NEED!

In Stock.. The Early Bird Gets The Worm

BRAND NEW SPECIAL

• CB 750 Gehl Harvester 1000 PTO w/Hydraulic Spout Control Hydraulic Lift Cylinder, With Your Choice Of A 2 Row Narrow Cornhead Or A New HA1200 7 Ft Hay Pickup While They Last' One Only Serial #4468

750 forage harvester

Remember: TAKE 10% OFF THIS PRICE →

For Your Big Cash Discount

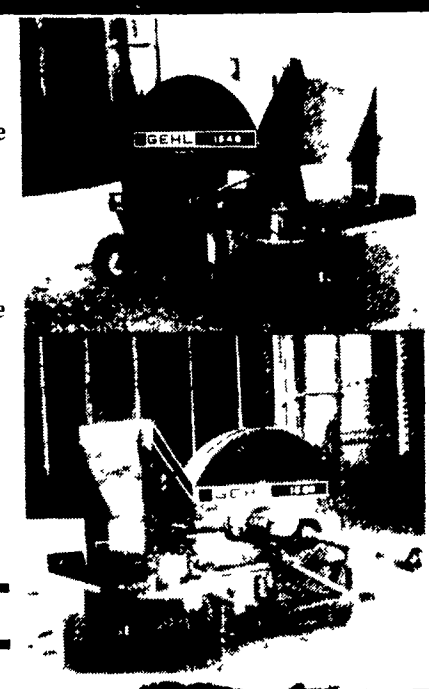
CASH PRICE SPECIAL

$11,340

ONLY $10,206

THE ULTIMATE FORAGE BLOWERS ARE HERE 1540.... 1580

* 54" Fan Diameter
* Up to 735 rpm nominal fan speed
* 540 or 1000 rpm drive
* 16 Paddles, (8 on each side of the fan disc)
* Twin spinner delivery system
* Swing-Away outlet for easier pipe cleanout
* Adjustable left axle for easier placement at the pipe
* Water injection system into fan area AND at spinners
* Easily removeable tunnel covers
* Non-Clog air vents
* PTO storage bracket
* Plus capacity that everyone has been looking for



HAYLAGE SPECIAL

• **Gehl Model 1540 Blower** 540 PTO **$2,936**

• **Gehl Model 1580 Blower** 540 PTO **$3,399**

HI PERFORMANCE

GEHL®

BUY or RENT

GEHL 4510/4610 SKID LOADERS

40 HP Perkins Diesel Power Water-Cooled w/Self-Leveling Loader

Lifts Almost A Ton

Equipped With
- 65" Fertilizer Bucket
- 10 00x16.5 Tires
- Tilt Cage Easy Access For Service

The Quality Is Here And The Price Is Right

Reg Price $19,350

SPECIAL PRICE $14,884

BRAND NEW GEHL MODEL 3510 SKID LOADER

With Ford Gas Water-Cooled 24 HP Engine

- SELF-LEVELING LOADER
- THIS COMPLETE CAGE FLIPS UP FOR EASY SERVICE
- 54" WIDE x 68" HIGH W/54" BUCKET

A Winner At Any Job, From Start To Finish

$14,000 VALUE

CASH PRICE ONE ONLY... $10,850

With Financing Available

CASE MODEL 1210 65 HP DIESEL TRACTOR

- Front Wheel Drive
- Heavy Duty Front End Loader
- 540/1000 PTO Shifter
- Double Remote Hyd. Outlets
- Only 749 Hrs.

ONLY $11,800

2615 FLEX WING CUTTER

Three Section Wing Fold, 540 PTO, 15-Foot Cutter That Flexes Up 90° and Down 22°. Economical And Efficient For Use On Larger Acreages. Minimum HP Required - 50. With Hydraulic Folding Lift Cylinders, Optional, Front Chain Kit, Rear Safety Shield, Band Cover

List Price $7,895.00

YOUR EARLY ORDER SPECIAL PRICE ONLY $6,320.00

(Larger Sizes Available Up To 20 Ft. Wide)

BUSH HOG... Perfect For Pasture Clipping And Shredding, Highway Maintenance And Orchard Cutting... With Wings That Flex 90° Up To 22° Down.

Come And See The

NEW CASE-IH MODEL 2096

w/Front Wheel Drive

LIKE NEW JD 4450 w/FRONT WHEEL DRIVE

1983 Model w/Cab, Air, Heater, Power Shift, Approx. 450 Hrs., Approx. 140 HP, 20.8x38 Rear Tires, 16.9x26 Front Tires

Loaded With Options: AM/FM Cassette, Hyd. Seat, Windshield Washers Front & Rear, Investigator II, 540-1000 PTO, Differential Lock Front & Rear, Front Fenders, 3 Remotes, Front Weights, Quick Hitch, Dual Horns And More.

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Serial #9838284

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USED 20 TON LOWBOY TRAILER

Fifth Wheel Type

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Note: Tires Are Good

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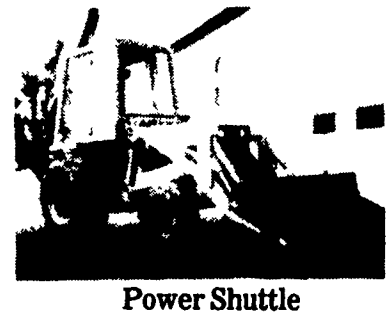

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Only 102 Actual Hours

Equipped w/Turf Tires, 3 Pt. Hitch, PTO, 3 Pt. 3 Blade 48" Lawn Mower & 3 Pt. 36" Tiller. ~~$7,800~~

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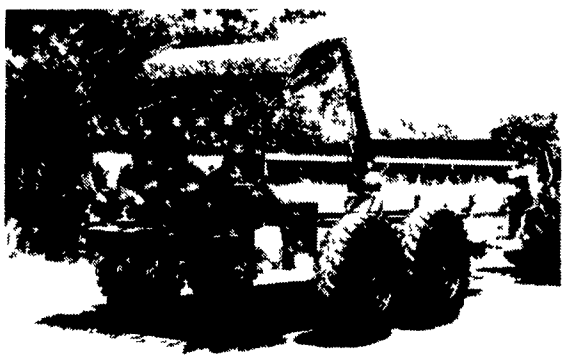

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SPECIAL OF THE WEEK
NH 667 Tank Spreader
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AC 2500 Disc 10 ft. 10 in.
AC 8010 PS w/20.8x38 Radials
AC 6080 2 WD
AC 6070 FWD
AC 6080 2 WD w/Cab
AC F3 Combine w/Floating Cutting Bar

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AC 7000 w/New Rubber
Ac 175 w/Rebuilt Engine
MF 1135 w/Engine Overhauled

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2 NH 717 Forage Harvesters
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NH 77 Baler w/ Motor Thrower
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NH 469 Haybine
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NH 268 Baler
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Lely 4 Wheel Rake
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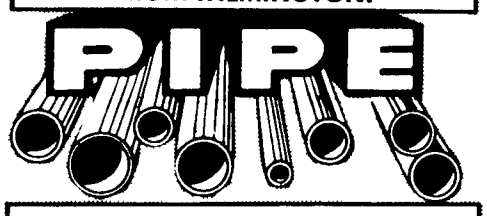

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AC 7050D	AC XT190D	MF 65G
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USED COMBINES (LIKE NEW)

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These Combines are in Excellent Condition

IT WILL PAY YOU DIVIDENDS TO CALL US NOW!

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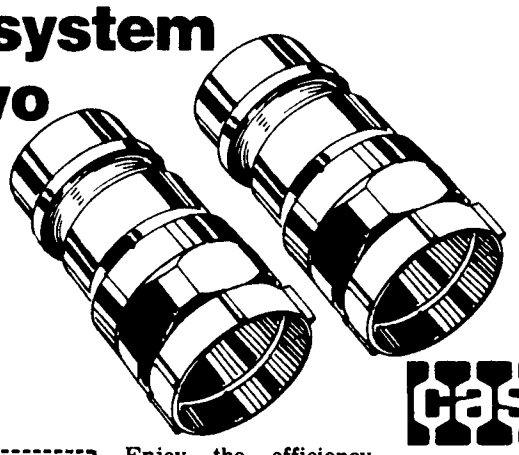

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AND for a limited time, during our Hydraulic Power Days Sale, get two FREE male tips. Just clip this coupon and come in and save!

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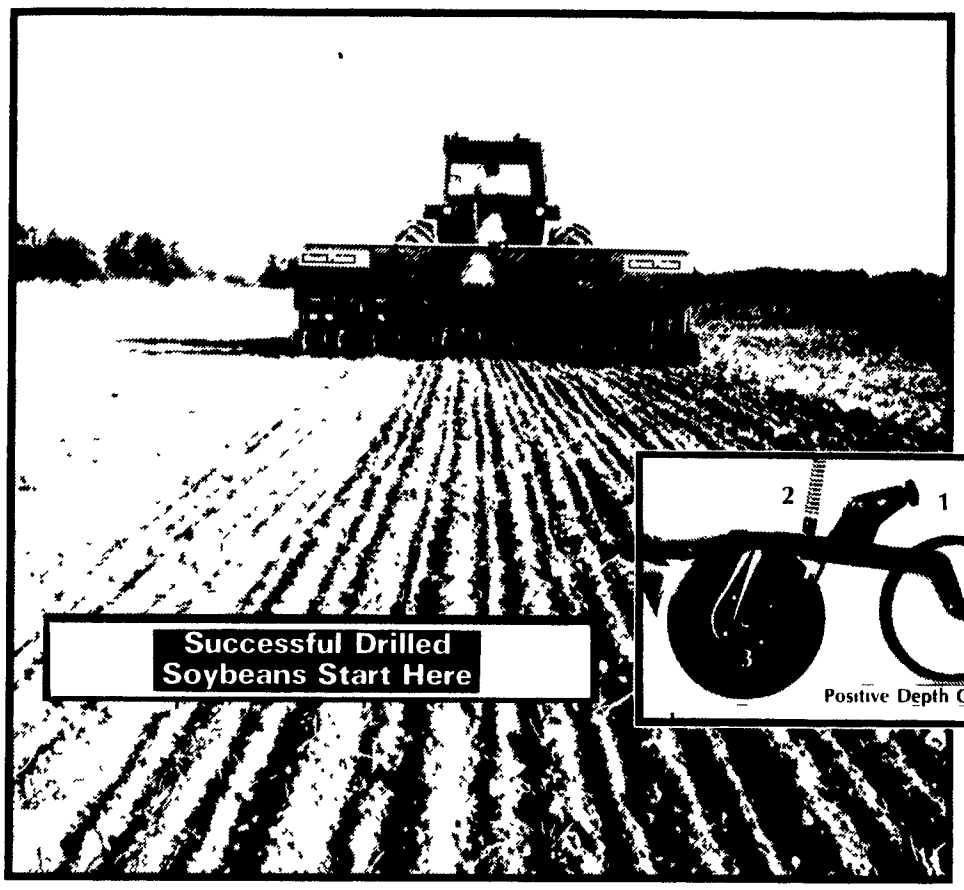
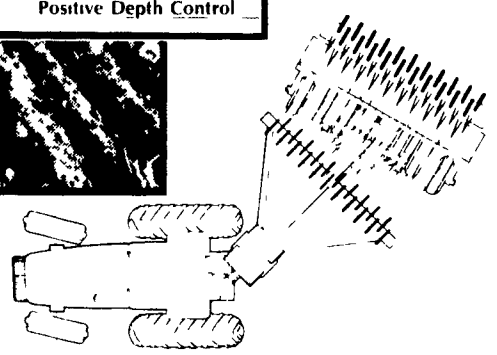
You Won't Find A Better No-Til Soybean Drill Than GREAT PLAINS



Great Plains Solid Stand® drills have the planting accuracy drilled soybeans need;
(1) Depth-Gauging Press Wheels keep the opener from penetrating too deep; planting depth can be quickly changed with exclusive dial-a-depth adjustment system. (2) Double Down-Pressure Springs hold opener firmly in the soil — preventing the bouncing action which leaves seed scattered on top of the ground.

(3) Special Seed Chute places seed in the very bottom of the v-slot, rather than allowing slot to partially close prior to seed release.



THE NO-TILL HITCH THAT WORKS FOR SOYBEANS

Here's why:
A unique pivot between the coulter unit and the drill allows each disk opener to track exactly in the slot cut by the coulter in front — even while the unit is rounding a curve.

Excellent penetration is also achieved, thanks to a heavy-duty framework, calcium-fillable transport tires, and a special weight transfer design which applies some of the weight of the drill itself to the coulters. Should additional weight be needed, specially designed weight brackets are available which accept most tractor suitcase-style weights. In all, up to 400 lbs. of weight per coulter is possible — ensuring penetration even in the toughest ground.

Finally, all Combination Drill Hitches feature a quick hitch for attaching easily to 3-point drills. So you have the flexibility to no-till some acreage, then switch back to a conventional seeding method as conditions vary.

COMPARE PERFORMANCE! COMPARE PRICE!
YOU'LL BUY A Great Plains NO-TILL SOYBEAN DRILL

USED EQUIPMENT

TRACTORS

IH Farmall 504 Narrow Front Fast Hitch New Paint (W1041)
IH F1206D, New 18 4x38, Dual PTO Extra Sharp Tractor (W9890)
Deutz DX130, 18 4x38, Dual PTO Cab w/Air, (Like New) (W9783)
IH 574D Utility 14 9x38, Dual PTO Consignment (W9687) **$6,800**
IH 560 Diesel Fast Hitch Wide Front, Dependable Power (W9623) **$3,800**
Deere 4230D 18 4x34 Dual PTO Quad Range, 2677 Hrs (W9064) **$11,900**
IH F1206D 20 8x38, Dual PTO, Cheap, Dependable 120 HP (W8934) **$8,500**
IH F1466D, 150 HP, 24 5x32 Aux Tanks, Dual PTO One Owner (W9236) **$13,900**
Steiger 1979 PT225, Cat Engine @ 225 HP, 18 4x34 Duals (W9689) **$38,500**
IH F1086D w/ROPS, 20 8x38 Dual PTO, Sharp (W8729) **$17,500**
IH F966D, 18 4x34 Tires, Dual PTO 110 HP (W8229) **$12,500**
Ferguson 20 25 HP, 3 Point, Good Small Tractor (W9649) **$1,750**
IH F460 Gas, Fast Hitch, Tricycle, 14 9x38, Sharp (W9856) **$2,500**
IH F656D, 3 Point Hitch, Wide Front (W9918) **$6,200**
Deutz DX160, Cab w/Air Dual 18 4x38 (W9694)
IH Farmall Super C w/Cultivators (W9392) **$1,600**
IH F986D, Cab w/Air, Dual PTO 18 4x38 (W9240) **$17,500**
IH Farmall Super C w/2 Row Cultivators (W8569) **$1,500**
IH F1086D, 18 4x38 Duals, ROPS, Dual PTO (W9532) **$16,800**
Case 2390, 160 HP, 250 Hours, Like New, Dual 20 8x38 (W9997) **$28,500**
Steiger Wildcat III ST210 w/18 4x34 Duals (W9928)
MF 1085 Diesel 16 9x38 540 PTO, Excellent Tractor (W9996) **$8,500**
MF 1105 Diesel, 18 4x38, Dual PTO Cab Super Clean (W9995) **$9,200**
IH F656D Hydro 540 PTO, 15 5x38 (W1005) **$7,800**
IH 574D w/2250 Loader, Dual PTO 55 HP (W9797)
IH F826D Hydro, Dual PTO 18 4x34 Completely Reconditioned (W9743)
Case Model 411B, 13x28 Tires 3 Point, PTO (W9906)
IH Farmall H, 12 4x36 Tires Mint Condition (W9625) **$1,200**
Steiger ST280 Cougar III, Dual 20 8x38 (Repossessed)
IH Farmall Super MTA, Power Steering Belt Pulley (W9620) **$2,395**

USED DISC HARROWS

Bush Hog 12' Disc Heavy Duty 9" Spacing (T9847)
Deere 110 Disc, 12' 9" Spacing, Good Finishing Disc (T9807) **$1,900**
Deere 210 Disc, 12', 9" Spacing, 20" Blades (T9074) **$2,200**
Bush Hog 10', Spacing 9" Front, 7½" Rear, Good Disc (T9109) **$1,675**
Deere 110, 10', 9" Spacing, Must Go (T8034) **Make Offer**
IH 760 Offset, 14', 9" Spacing, Good All-Around Disc (T9134) **$2,850**
Krause, 2416 Rockflex, Heavy Duty, 26', Rebuilt (T9020) **$12,800**
Krause 4926 Rockflex, 23', 9" Spacing, Less Than 250 Acres (T9801) **$11,000**
IH 350 Disc 10' 7½" Spacing (T9519) **Reduced $1,675**
Deere 310 Heavy Primary Cutting Disc, 12' 11" Spacing (T9318) **$3,500**
Krause 2410 Rockflex 19' Heavy Duty (T9688)
Krause 2416 Rockflex 25' Heavy Duty Needs Work (T9761)
IH Fast Hitch Disc 16 Blades Fits Farmall 100 Super A 140 (T9940) **$350**

OTHER USED TILLAGE

IH 55 Chisel Plow, 11 Shank Mounted Gauge Wheels (T9796) **$1,850**
IH 710 Plow 3 Bottom 16" Semi Mount Automatic Reset (T9916) **$1,800**
AC 1600 Chisel Plow, Mounted 8 Shank, Gauge Wheels Coulters (T9851) **$1,275**
IH 550 Plow 5 Bottom 14" Semi Mount (T9857) **$950**
IH 710 Plow, 6F 16", Semi Mount Excellent Buy (T7892) **$2,500**
IH 540 Plow 4F 16", Semi-Mount, Good Cheap Plow (T9725) **$1,000**
Brillion, STT 01, 16' Wing Harrow (T9185) **$1,200**
IH 55 Chisel Plow, 13 Shank Mounted, Gauge Wheels (T9894) **$1,800**
IH 311 Fast Hitch Plow, 3 Bottom 14" (T9872) **$350**
Krause 2867 Slicer Chisel, 7 Shank, Traded on 9 Shank - Like New (T9845)
Brillion, 10' Cultipacker (T9077) **$675**
IH 315 Cultimulcher, 12' (T9677) **$1,000**
IH 45 Vibra-Shank Field Cultivator, 12½" w/Drag (T9520) **$1,700**
IH 45 Vibra-Shank Field Cultivator, 20' Hyd Fold w/Mulchers (T9120) **$2,500**
Tebbins 13 Shank Subsoiler Trailing w/Wings, Automatic Reset (T8187)
IH 2 Bottom Plow for Super C (T8570) **$125**
IH 2 Row Cultivator for Super C or 200 (T9448) **$250**
IH Mounted Cultivator for Super A or 140 (T9381) **$425**
Noble 6 Row Cultivator w/Folding Wings (T9298) **$3,000**
IH 45 Vibra Shank Field Cultivator 16' w/Mid west Mulchers (T9474) **$1,350**
IH 4 Row Cultivator Fast Hitch Gauge Wheels (T9855)
IH 45 Vibra Shank Field Cultivator 22' w/Hyd Wings Mulchers (T9926)
White Model 548 Plow 6F 18' Automatic Reset On Land (V9927)
IH Fast Hitch Plow Fits Farmall 100 Super A, 140 (T9941) **$250**
Deere Model F355H Plow 5 Bottom 16" Hyd Reset, Semi Mount (T9945)

PLANTERS & DRILLS

IH 5100 20x6 Grain Drill w/Grass Seed (V9998)
Massey-Ferguson, 26A Grain Drill, 15x7 w/Fertilizer Good Drill (V9852) **$750**
IH 510 Grain Drill, 18x7 w/Fertilizer Double Disc Openers (V9905)
IH 400 Cyclo Planter, 6RN, Fertilizer Insecticide (V7666) **$2,950**
Deere 7000 Planter, Plate, 4 Row w/Liquid (V8298) **$3,800**
IH 510 Drill, 21x7 w/Single Disc, Fertilizer (V8881) **$2,500**
IH #10 Drill, 13x7 w/Grass Seed (V9569) **$800**
Deere Drill, 15x7, Grass Seed & Acre Meter (V9853) **$1,100**
IH 400 Cyclo Planter 6 Row 30" (V9430) **$2,200**
AC 600 Planter 6 Row No Til Monitor Dry Fert Insecticide (V9376)
IH McCormick Grain Drill 13x7 (V9534) **$650**
Deere 21x7 Grain Drill Acre Counter Plain (V9925)
Deere Drill Model 8300 16x10 Double Disc Press Wheels (V9922) **$2,800**
IH 400 Air Planter 8 Row 30" Fertilizer Insecticide No Til Coulters (V9947)

OTHER USED EQUIPMENT

Walsh 3 Point Sprayer, 200 Gallon Fiberglass Tank 24' Boom (V9889)
John Blue, 7000 Sprayer 400G Stainless Steel Tank 24' Boom Ground Driven Metering Pump Ace 850 Agitation Pump (V9814) **$2,700**
John Blue, Tool Bar Applicator 4 Shank (V9919) **$1,000**
Ford Mower 5' 3 Point Hitch (U9609) **$295**
Deere 9' Sycle Mower, Model 39 (U9864) **$500**
Meyers 300 Gallon Sprayer w/Boom (V9143)
FMC R10P200 Sprayer w/Hose & Reel (V9073)
(2) 90 Gallon Poly Tanks, Liquid Fertilizer, Monitors (2) 8 Row Pumps (V9924)
Rhino Flex 15 Cutter, 540 PTO Chain Good (U9929) **$5,500**
IH 540 Spreader, 150 Bushel Completely Reconditioned, Hyd Endgate (V9769)
New Holland 273 Baler w/Thrower (Consignment) (U9893)
IH 1150 Grinder Mixer Hammers Never Turned (U9746)

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... Swing-out tailgate
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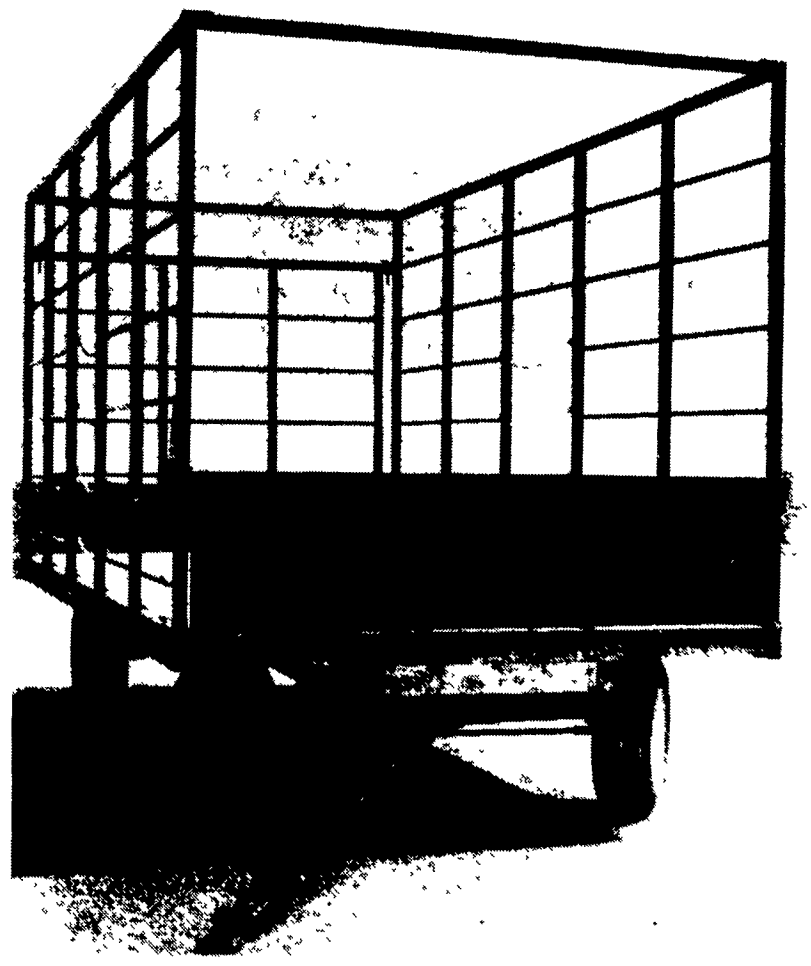
... Eight ton running gear w/universal bearings.
... With New 9.5Lx15 tires.
... Backed by Hoober Parts and Service.



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For Following Models Only:	Extra Cash Discount
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... 4924, Rockflex Disc, 20'11" Cut, 22" ¼" Thick Blades Front, 22" 6 Gauge Blades Rear, 9 1/8" Spacing, 9500 lbs. per blade	$650.00
... 4926, Rockflex Disc, 22'5" Cut, 22" ¼" Thick Blades Front, 22" 6 Gauge Blades Rear, 9 1/8" Spacing, 10,000 lbs., 162 lbs. per blade	$725.00

While Supplies Last

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'TIL 10-1-85

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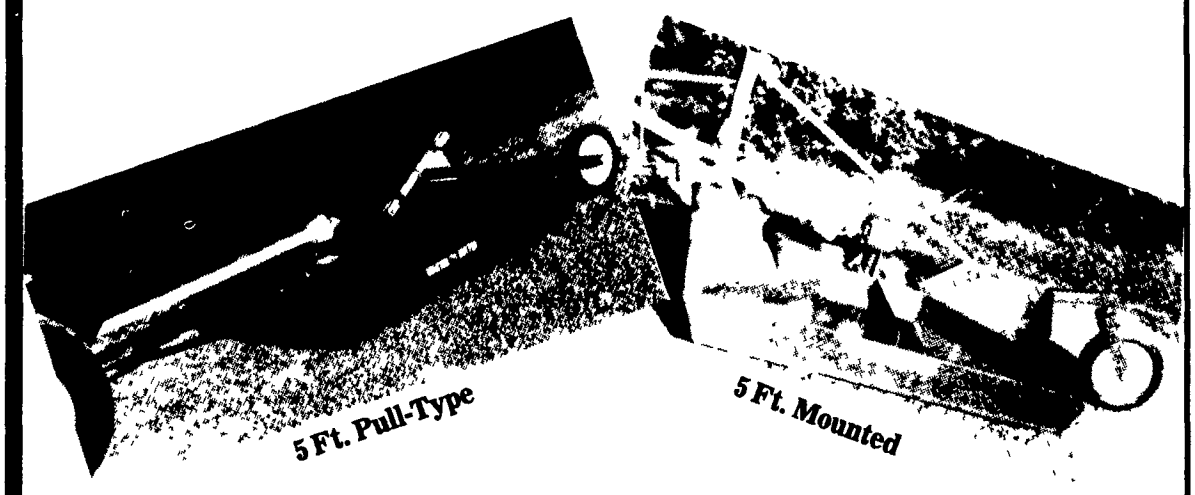
MASTER KUTTER

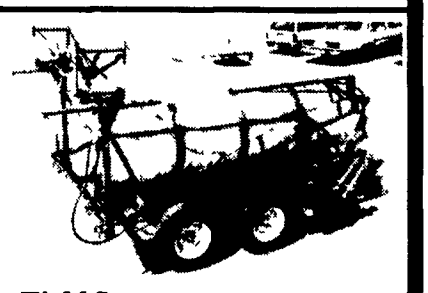
The Lancaster County Made Rotary Cutters



ECONOMY CUTTERS BUILT FOR DURABILITY

BLUE

JOHN BLUE SPRAYER SALES & SERVICE HEADQUARTERS



1000 Gallon Field Sprayer

Features:
... 1000 Gallon Low-Profile Poly Tank
... 40 Ft. Self-Leveling Boom
... 2" Hydraulic Centrifugal Pump For Agitation
... L-4900 Blue Ground-Driven Metering Pump w/Hydraulic Press Wheels
... Adjustable Axle From 62.5" To 80" Wheel Tread
... Stainless Steel Sprayer Tube
... Stainless Steel Chemical Inductor

THIS IS A RUGGED, HI-CAPACITY FIELD SPRAYER DESIGNED TO MAKE THE MOST OF YOUR SPRAY MATERIAL. GROUND-DRIVEN METERING PUMP IS SIMPLE AND ACCURATE

PRICED TO SELL AT $10,800
List Price $12,588

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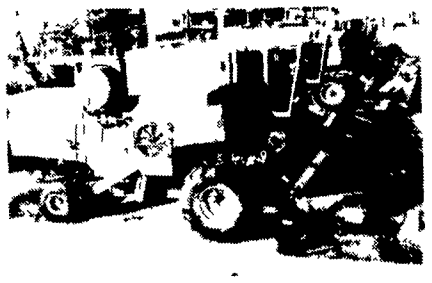
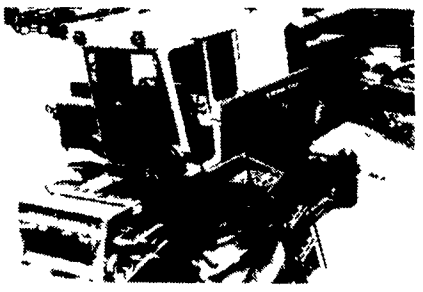
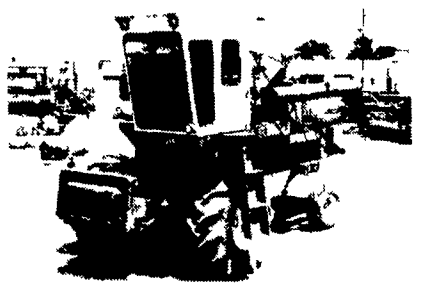
- Hoober Used Combines are backed by 3 Combine Service Specialists.
- Hoober Used Combines are backed by the largest Case-IH Combine Parts Inventory in the East.
- Most all Used Combines at Hoober's are priced below wholesalers.



IH 815 Combine, Hydro, Diesel, Auto Header Control, Cab w/Air, Sharp 815 priced to sell now (U9596)



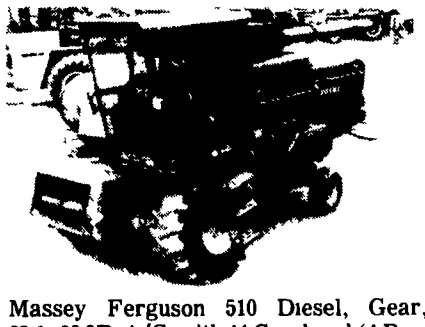
IH 915 Hydro, Diesel, 28Lx26, A/C, Monitor, AM-FM Radio (U7961)



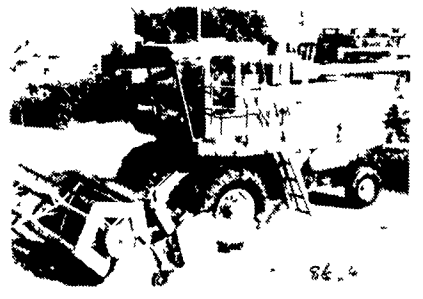
IH 715 Diesel, Hydro, 18.4x26, Monitor (U7818)

IH 915 Diesel, Hydro, 28Lx26, A/C, Monitor, Radio, (U7961)

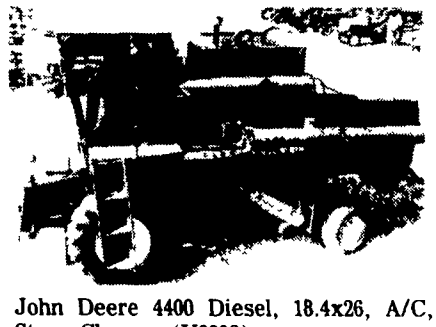
IH 815 Diesel, Hydro, 28Lx26, A/C, Grain Loss Monitor (U9731)



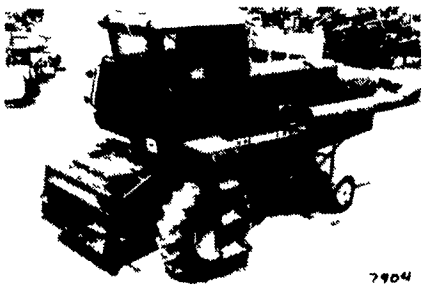
Massey Ferguson 510 Diesel, Gear, 23.1x26 8P, A/C, with 44 Cornhead (4 Row Wide), 13' Platform (U8742)



Massey Ferguson, 750 Diesel, Gear, 23.1x30 10P, A/C, (U8654)



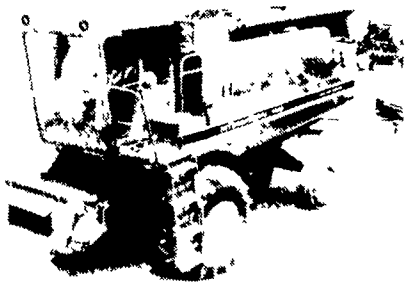
John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)



John Deere 4400 Gas, Gear, 18.4x26 w/13' Platform (U7904)

New Holland 975, Gas, Gear, 18.4x28 8P, with 4 Row Cornhead (Wide), 11' Platform (U9618)

Deere 45 Gas, Gear, A/C, 14.9x26; with 234 Cornhead & 10' Platform (U9834)



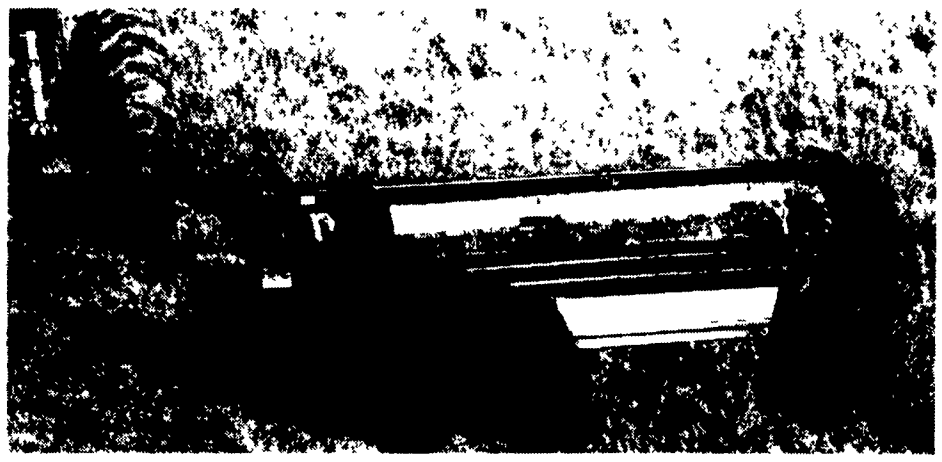
IH 1460 Axial-Flow, 1979, 30.5x32 10P, A/C, Auto Header Control, Hydro, Corn & Bean Special (U9292)

SIMPLE IS BETTER

case IH 1190 MOWER CONDITIONER IS SIMPLE & EASY

- ★ ★ ★ Header-mounted conditioner rolls crush & crimp to save leaves, promote fast drying.
- ★ ★ ★ "Over-The-Top" frame design allows an unrestricted hay flow.
- ★ ★ ★ Patented roll separation lets you clear slugs without leaving the tractor.
- ★ ★ ★ Adjustable 44" diameter reel feeds crop gently to the conditioning rolls.
- ★ ★ ★ Every drive component is fully accessable for easy servicing.

COME IN... TRY THE SIMPLE HAY MACHINE



case IH 1190 MOWER CONDITIONER

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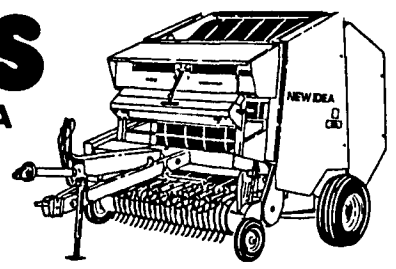

- 1800 lb. Bales
- Endless Belts
- Dual Gauge Wheels
- List $13,900

SALE PRICE $9,950

MODEL 384 SOLID PLUS NEW IDEA SPREADER

- 2250 Gallons
- Flotation Tires
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TRACTORS:

Case 2290 w/Cab, Air & Low Hours	$18,500
Case 970 Black Knight	$10,150
Case 1070 w/Cab and High Lift Loader SOLD	$11,200
Case 1190, Like New	$ 9,500
Case 430 Diesel, Wide Front	$ 3,750
Case 400 Diesel, Runs Good	$ 1,925
IH 1468 w/Cab	$11,800
IH 656 Gas w/Loader	$ 7,400
IH 656 Diesel	$ 7,400
JD 4020 w/Cab and Turbo	$ 9,800
JD 70, 3 Pt., Power Steering	$ 3,800
Massey Ferguson 1085 w/Turbo	$ 9,800
MM UTU, Runs OK	$ 1,475

WINDROWERS:

IH 375 Diesel Self Propelled, Hyd. Drive w/Cab and 12 Ft. Head	$ 4,995
Hesston 520 Self Propelled w/12' Head	$ 3,000
OMC 235 12 Ft. Swing Tongue	$ 3,600
Hesston 1014 12 Ft. Swing Tongue	$ 2,500
Hesston 1014 10 Ft. Swing Tongue	$ 2,500
Hesston PT 10	$ 2,400
Hesston 1090	$ 2,500
(2) JD 1209 Each	$ 3,000

BLOWERS:

(5) Gehl 99's Priced $1,400 to	$ 1,750
JD Big Blower	$ 1,250

FORAGE BOXES:

Meyers 3 Beater w/Roof	$ 2,000
JD 216 2 Beater, No Roof	$ 1,995

SKID STEERS:

Case 1845	$ 9,500
Case 1845 w/Low Hours	$12,500
Case 1816C, 564 Hours, Wide Tires	$ 5,250

Harvester Specials!

Hesston 7655 Side Dump Self Propelled, Like New, 320 Hours	$52,000
7 Ft. Pickup	$ 2,500

SUMMER SIZZLERS
BIG FACTORY DISCOUNTS PLUS

9.9% APR MF FINANCING May 6-June 8, 1985

10.9% APR MF FINANCING June 9-July 6, 1985

11.9% APR MF FINANCING July 7-August 3, 1985

Stop in today for red-hot savings on our popular 800 and 500 Series Combines. Along with BIG factory discounts, you can take your choice of these Massey Ferguson options.

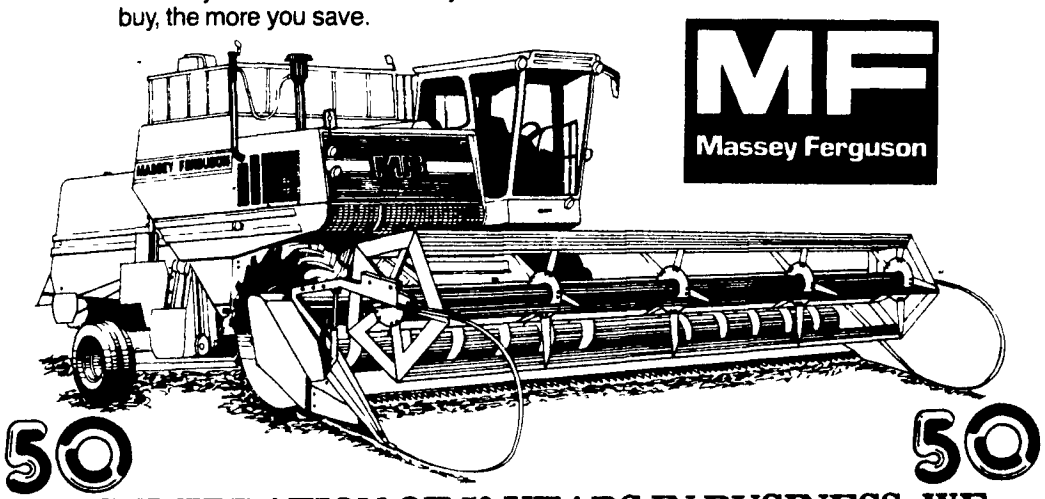
Low-rate Financing
or
Waiver of Finance Charges
'til January 1, 1986.

But hurry! Because the sooner you buy, the more you save.

6.9% APR ON USED COMBINES!
Or
Waiver of Finance Charges
'til January 1, 1986

We've got some great deals to offer on our used inventory. See us now for the best selection of these Summer Sizzlers!

MF Massey Ferguson



50 50

IN CELEBRATION OF 50 YEARS IN BUSINESS, WE ARE OFFERING 50 USED COMBINES AT LOWER THAN REGULAR PRICES!

NOTICE

Our prices on the following combines include warranty, delivery, low rate financing or waiver, and a fair price considering trade-ins. We will adjust these prices DOWN if you want to buy without all these benefits.

USED COMBINES

SPECIAL MONEY-SAVING FINANCING

Buy now & finance with MF at a low 6.9% APR...
or choose waiver of finance charges til Jan. 1, 1986
on selected used combines.

1984 MF 850 hydro only 240 hrs w/6 row 30" CH. & floating grain head	$62,000
1982 MF 860 hydro V8	$52,000
1982 MF 860 hydro V8	$52,000
1982 MF 860 hydro 6 cyl.	$48,000
1980 MF 760 hydro V8	$35,000
1980 MF 760 hydro V8	$25,000
1980 MF 750 hydro	$31,000
1980 MF 550 hydro	$19,000
1979 MF 760 hydro V8	$29,000
1979 MF 750 hydro 4 wheel drive	$36,500
1979 MF 550 hydro	$19,000
1978 MF 760 hydro V8	$29,000
1978 MF 760 hydro V8	$22,000
1978 MF 750 hydro	$22,000
1978 MF 540 gear drive	$17,000
1977 MF 750 hydro	$25,000
1977 MF 750 hydro	$25,000
1976 MF 760 hydro	$19,000
1976 MF 750 gear drive	$12,500
1976 MF 750 hydro	$12,500
1976 MF 760 hydro 4 wheel drive	$25,000
1976 MF 510 gear drive	$14,500
1975 MF 760 hydro V8	$15,000
1975 MF 760 hydro V8	$15,000
1975 MF 750 gear drive	$19,000
1975 MF 750 hydro	$12,500
1975 MF 510 gear drive	$12,000
1975 MF 300 gas	$7,500
1975 JD 3300 with grain & corn head	$12,500
Coming In JD 7700 with grain & 6 row corn head	$26,000
1974 MF 760 hydro	$14,000
1973 MF 760 gear	$9,500
1972 MF 760 hydro	$14,500
1972 MF 510 hydro	$12,000
1972 MF 510 gear	$8,000
1972 MF 510 gear	$9,000
1972 MF 510 gear	$9,000
1971 MF 510 gear	$8,000
1971 MF 510 gear	$8,500
1970 MF 300 gas	$6,500
1970 MF 300 gas	$2,000
1969 MF 510 hydro	$10,000
1969 AC gleaner "K" 13 ft. & 3 row 30 head	$6,500
1968 AC gleaner "F"	$7,000
1968 MF 510 gas	$10,500
1960 AC gleaner "A"	$1,500
1957 MH 82	$1,500
1965 MF 300 gas	$2,000
1964 MF 510 diesel	$2,500

Above Combines Include Grain Tables, Less Cornheads, 61 Cornheads In 2,4,6 and 8 Row Sizes.

MISCELLANEOUS

• White 3 pt. 316 cushion trip plow	$950
• IH 710 spring trip 616 plow	$2,500
• MF 730 offset 13' disc	$3,500
• New MF auto reset 3 pt. 316 plow	$2,500
• MF 620 disc 19', like new	$4,400
• New Glencoe Field Cultivator	
• Gleaner F w/13' Grain Head	$7,000
• Walsh 3 pt Sprayer	$900

USED TRACTORS

• Oliver 1650 Gas Tractor	
• MF 2745 Tractor	$15,000
• MF 1155 Diesel	$9,000
• MF 50	$2,900
• MF 4880	$55,000
• MF 2805 190 HP	$14,500
• Farmall Super A w/Plow & Cultivator	
• MH Pony w/Plow & Cultivator	$1,700

MF Massey Ferguson

M.M. WEAVER & SON, INC.
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SMITH'S IMPLEMENTS, INC.

Mercersburg, PA **717-328-2244**

USED EQUIPMENT

JD 4040 Tractor w/Power Shift, 4 Pt. Roll Guard, Low Hrs.
JD 2240 Tractor w/Loader, Low Hrs.
Case 1570 Tractor w/Cab & Air, PS, Dual Wheels, Excellent Cond. Priced For Quick Sale $17,800
IH 400 Cyclo 6 Row Planter w/No-Till Attach., Liq. Fert., Insect. Attach., Monitor, Excellent Condition $3,900
Reduced to $3,200
IH 400 Cyclo 4 Row Planter w/No-Till Attach., Dry Fert., Insect. Attach., Monitor $2,500
Reduced to $2,000
JD 7000 Conservation 6 Row Planter w/Dry Fert., Insect. Attach., Monitor, Hyd. Markers
JD 7000 4 Row Planter w/No-Till Attach., Dry Fert., Auger Quick Fill, Insect. Attach., Monitor, Hyd. Markers
NH 1880 SP Forage Harvester, New Cat Engine w/2 Row Wide Head, 3 RN Head, PU Head, Excellent Shape, Was Priced At $14,000..... Special $12,000

Call About Our Large Selection Of Drills, Discs, and Other Machinery

VERMEER · HEDLUND MARTIN INC · Vicon

NEW EQUIPMENT:

(2) Vicon 600 Lb Fertilizer Spreaders
(2) Vicon 900 Lb Fertilizer Spreaders
(2) Vicon 1400 Lb Fertilizer Spreaders
(2) Vicon 1900 Lb Fertilizer Spreaders
(1) Vicon 20 Ft Hay Tedder
(2) Vicon KM 321 Mower Cond , 10'6 ' Cut
(2) Vicon KM 281 Mower Cond 9'6' Cut
(1) Vicon CM 165 Disk Mower 5½ Cut
(1) Vicon 5 Wheel Rake
(1) Vicon 8 Wheel V-Rake
(2) Vicon RP 1210 Round Balers
(1) Vicon SP 450 Square Baler w/Thrower
(1) Vicon SP 460 Square Baler w/Thrower
(1) Vicon 230 Gal 3 Pt Field Sprayer
(1) Vicon 510 Gal Trailer Sprayer
(1) Vicon 15 Ft Power Harrow
(1) Vermeer 504H Round Baler
(1) Vermeer 605H Round Baler
(3) Vermeer 107 No Till Grain Drill, 10 Ft Width
(1) Vermeer HL12 Bale Mover (Stacks Bales 3 High)
(1) Hedlund Martin 1263 Scavenger II Spreader

USED & DEMO. EQUIPMENT

(1) Speedy Wagon Round Bale Mover
(1) Int 620 Press Grain Drill, 7" Row Spacing
(1) Int 1190 9 Ft Mower Conditioner

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HORST GROUP / power pro equipment

SPRING SPECIALS

New Badger model 950 forage box, 16 ft. with roof, 3rd beater with 12 ton tandem running gear, floatation tires. Selling price, $6,400 SOLD

New Badger manure spreader, 270 bu. capacity with tires, hydraulic drive, hydraulic endgate, Gratz T bar chain. Selling price, $4,400

New Badger forage blower, model 542 with hopper magnet, $2,300

(1) new Bush Hog, wheel carry, disc harrow, cut out disc on front, medium weight disc, $3,575

(1) new AC 4 row no-till, model 333 corn planter, $6,000

(1) new Kasten manure spreader, 250 bu., tires, end gate, $3,700

New OMC model 229 mower conditioner, $6,500

If You're Thinking About A New Corn Planter, Don't Miss This One. Drive a Little, Save A Lot!

USED EQUIPMENT

OMC 1700 Skid Loader, Wide Tires, Big Bucket 44 HP, Good Condition
OMC 1200 Skid Loader 30 H.P. Good Condition
OMC 440 Hydrostatic, Gas, Wide Tires, Good Condition
Baker 400 Lb. Fork Lift, Runs Good And Looks Good ONLY $2,200

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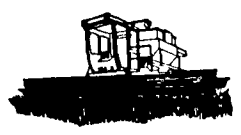
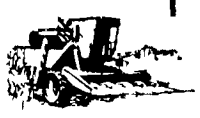
SPERRY NEW HOLLAND



BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon -Fri 7 30 A M 5 00 P M
Sat 7 30 A M 12 30 P M

"Early buy SPECIALS"



22 USED COMBINES on lot
2 to 6 row units
Priced for your budget!!!

COMBINES

Gleaner M2 w/cab, Air/Heat, 15' Grain & 4-row corn heads, lo hrs.!
Gleaner MKS w/13' grain & 630 corn heads
Gleaner F2 Diesel w/cab, Air, 13' grain & 438 corn heads
Gleaner K2 Diesel w/cab, Air/Heat, 12' grain & 238 corn heads, only 500 hrs.
Gleaner KKS w/cab, 10' grain & 238 corn heads, Excellent!
Gleaner CII w/12' grain & 438 corn heads
Gleaner E w/cab, 10' grain & 238 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
JD 55 Special w/Cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
MF 35 Pull type
IH 315 w/cab, grain & corn heads
NH 975 w/11' grain & 238 corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702, 2-row corn head & 761 Pick up head

TRACTORS

AC 7080 D, w/cab
(2) AC 185 D
AC D19 D
AC D17 D
(2) AC WD Gas
AC CA
Long 610 D, 4WD & loader, w/92 hrs., like new!
JD 2750 D, w/40 hrs , like new!!!
JD 2630 D, Excel.
JD 4010 D w/wide front end
JD 4010 D
JD 3010 D
(2) JD 60 Gas
JD B Cyclone w/3 pt
(2) JD B Gas
Oliver 1650 Gas
Oliver 500 D w/3 pt
Oliver 70 Gas
Farmall 460 D
Farmall 400
MF 180 D w/Loader
MF 50 Gas w/Loader
Ferguson 30 Gas

CORN PLANTERS

AC 600 No-Till 4-row Planter, w/Granular Fert., EX!!!
AC 600 4-row Air Champ Planter
AC 600 4-row Planter w/liquid fertilizer
(2) JD 494A 4-row Planter
IH 46 4-row Planter
Ford 4-row Planter

MANURE SPREADERS

NH 676, 325 BU.
NH 510, 160 BU.
NI 218, 265 BU.
NI 214, 206 BU.
Farmhand M165, 125 BU
Hawk Bilt 207 Tank

MISC

(2) Weaverline 223, 24 BU Silage Cart, w/Auto. Charger
Weaverline 330, 30 BU. Silage Cart, w/Auto Charger
Uebler 35 BU Silage Cart, w/gas Engine
Dynavent 7 HP Bedding Chopper, like new!
Gehl 2500 Skid Loader w/both buckets, excellent!!

SPECIAL ANNOUNCEMENT...

SPRING CLEARANCE SALE on new NEW IDEA and NEW HOLLAND 100 BU. to 350 BU. MANURE SPREADERS.

UNITS IN STOCK ARE PRICED RIGHT
THAT EVERY FARMER CAN OWN A NEW SPREADER TODAY!!!

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CASE IH

KUBOTA

NEW HOLLAND EQUIPMENT

#38 SOLD hopper
355 Grinder/Mixer
316 Balers
311 Baler
489 Haybines
258 Rake
256 Rakes
855 Round Baler
L2 SOLD Loader
680 Spreader
#8 Crop Carrier
NH Silo Pipe
Many buckets for NH Skid Loaders
Fork lift attachments for NH skid loaders

NEW IH EQUIPMENT

IH 3288 SOLD
IH 3088
IH 784
SOLD & 16 row 5100 drills
IH 370 disc
IH 4 rc SOLD plate planters
IH 6R 80(SOLD air
IH 35 rake
IH 720 plow, 5x20"
IH 5500 chisel plows, priced to move
IH 1300 mower
IH 530 spreader
IH new loaders & blades
IH 4 SOLD 13'

(New) New Holland 355 Grinder Mixer 31x13.5 tires. Priced to move-Call now. First Come-First Serve

Marliss & Lilliston No Till Drills

Try us - you'll like us!
TOP QUALITY USED EQUIPMENT

IH 1440 Combine, 1425 hours, immaculate, well maintained.

IH 24x6, late 510 drill, like new

IH 815 Combi SOLD , low hours, air, late model, nice

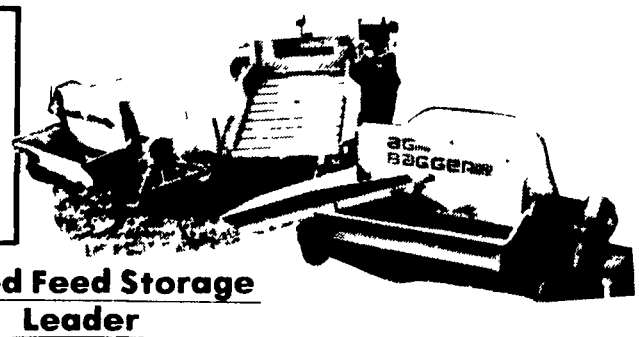
IH 18x7, 5100 Drill, Combination, depth press wheels, 1 yr. old

Our policy on used combines - We make it a practice if permissable, to put you in touch with the former owner Communication is the best salesman!

OTHER USED EQUIPMENT

7' IH 990 Mower Conditioner
JD 95 Combine, cornhead, grain head
AC 700 Planter, 4 row, nice
IH 315 P SOLD Mulcher
37 Disc, v SOLD od blades, 11'6"
IH Hydro 100 w/fact. cab, air
B414 Diesel
AC & Olive SOLD g Discs
Many used JD discs
IH 990 Mower Cond
NH 479 Haybine
NH #30 Blower
NH 707 3 pt for. harv like new
JD 1209 Haybine, nice
IH #10 SOLD
IH 810 Grain Header, 15'
Kubota L18 SOLD 4WD w/hyd. blade, 210 hou
Many used conventional 4R planters
Used IH 540 & 550 plows
NH 8 SOLD d
IH #7 Flail Chopper
NH 36 Flail Chopper
IH 110 Forage Box, good gear
Farmall "M" PS, live hyd
706 Farmall, cab & air, consignment
Farmall "M", good cond consignment
#30 Hesston hay stacker & stack mover, consignment

AG-BAG System Compare & SAVE.



Sealed Feed Storage Leader

Better Forage At Lower Cost

Ag Bag System gives not only lower investment and interest cost, but gives the quality forage you would expect with an oxygen limiting silo By using the Ag-Bag on a custom work basis no major capitol cost was required and the interest which was foreseen with other systems was eliminated We would recommend the Ag-Bag System for anyone with storage shortage at a very low cost per ton of feed

Custom Bagging - Haylage, Silage, Rye, Etc.

717-626-7596

USED TRACTORS

JD 4430, cab, air, quad range
JD 4[SOLD]narrow front
JD 4020, power shift
JD 2020 diesel
JD 2020 w/loader
JD 2510
JD 203[SOLD]sel
IH 1086 cab & air
Int. 986 cab & air
IH 1066 w/cab
IH 966
IH 766 w/cab
IH 404 w/[SOLD]er Steering
Large Selection of Farmall Cubs
Ford 3400 w/Loader
Ford 5000
Ford 2600
Ford 2000
Ford 850
AC 210 diesel
AC 170
MF 205, 4WD
MF 1105
MF 35, Po[SOLD]eering
David Brown 1200

USED PLOWS

Int. 5 btm. 18" spring reset plow
White 5 btm. 18" spring reset plow

INT. 140 4 BTM. 18" ROLLOVER PLOW

GRINDERS & MIXERS

Gehl 120
Gehl 95
Gehl 65
IH 1150 $1,450.

USED COMBINES

MF 410 hydro.
444 JD corn heads
443 & 643 corn heads
JD 3300 combine
1975 JD 4400 diesel
JD 4400 gas
JD 4400 Diesel 1977

USED PLANTERS

JD 7000 4 row Dry fertilizer
JD 7000 6 row no till

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor
Fox Custom 90

HAY EQUIPMENT

NH 472 haybine
NH 489 haybine
NH 467 haybine
NH 469 haybine
JD 1207 haybine
Gehl 1090 haybine
IH 990 haybine
Gehl 1500 Round baler
NH 310 baler, like new
JD 346 twine baler
JD 336 ba[SOLD]kicker
Large selection of hay rakes
M-C 7' rotary sythe, used on 100 acres
M-C 9' rotary sythe, like new
NH 1030 Ba[SOLD]on

NH 1049 SELF PROPELLED BALE WAGON W/CAB EXCELLENT CONDITION

MISCELLANEOUS

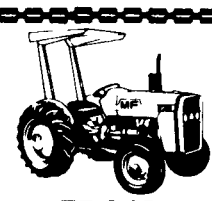
Int. 510 grain drill
JD 7 btm., on land hitch, hydraulic reset plow
JD 30 ft. Implement Trailer
Large selection of smaller discs
Danco hydraulic rear unloading silage wagon on tandem running gear
New Farmhand loaders for IH and JD tractors
NI 2 row wide pull type corn picker w/12 roll husking bed, excellent
Kewanee hydraulic fold 18' disc
New & Used rotary hoe's
1977 GMC 6500 w/new 16' grain body & hoist

1973 Chev. w/24' Jer-dan rollback body, air brakes

Big V snow plow 12' wide

D & R EQUIPMENT INC.

Ringoes, New Jersey (201) 782-5082



MF Massey Ferguson

TRACTORS & EQUIPMENT

R600 Mack Truck Tractor
MF 40 Diesel Tractor w/Loader
AC D17 Dsl. Tractor
MF 50C Tractor w/Loader & Cab
Ford NAA Tractor
MF 760 Combine w/Attchs.
IH 440 Baler
NH 320 Baler w/Thrower
NH 310 Baler
NH 273 Baler w/Thrower
NH 518 Manure Spreader
NH 213 Manure Spreader

NEW M.F. EQUIPMENT

MF 240 Tractor
MF 1030 Tractor 4 WD
MF 1020 Tractor w/Turf Tires
MF 1010 Tractor w/218 Mower
MF 236 Loader
MF #43 2B Plow
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

S.G. LEWIS & SON, INC.

352 N. Jennersville Rd.
West Grove, PA
215-869-2214

USED COMBINES

Waiver of Interest till September 1, 1985

- '71 JD 7700 w/15' cutter bar
- '79 Int. 1460, Low Hrs. w/820 Cutter Bar & 863 Corn Head
- '75 JD 7700 - Rotary Screen, 16' Platform
- '76 JD 7700 Rotary Screen
- '81 JD 8820 4 wheel drive, factory duals, 1100 hrs., with 220 flex cutter bar and 1243 corn head. Excellent Shape
- '80 Int. 1480, 1356 Hrs., w/820 Cutter Bar & 883 Corn Head
- '79 JD 7720 4 WD 1400 hrs. 220 flex cutter bar
- '72 JD 6600 Diesel w/13' Cutter Bar w/Hart Cart Flex Attachment

CORN HEADS

Good Selection of John Deere
443-444-643-644-843
Cornheads

USED TRACTORS

Waiver of interest till June 1, 1985

- '80 IH 384
- '75 Int. 1066, Fender
- '84 JD 2350, 90 hrs.

Waiver of interest till June 1, 1985

- '77 JD 8430 w/Dual 20.8x34 Tires, 3 pt. hitch, PTO, 3 Outlets
- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. $24,500 reduced to $22,500

CORN PLANTERS

- AC 770 6 row air planter, liq. fert., monitor, insect.
- Int. 8 Row 30, 3 pt. Cyclone Planter

USED PLOWS

- JD F145-5-16 Semi plow w/Harrow attachment

MISCELLANEOUS EQUIP.

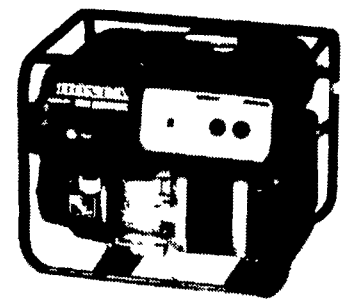
- Satoh Beaver 15 horse w/RM 48 Woods mower
- JD 158 loader
- JD 210 disc harrow 14'3", Midwest Buster Bar attach.
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- Myers w/8½' Snowplow

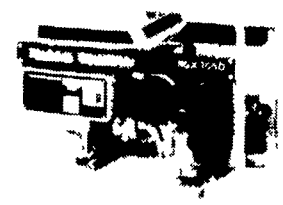
W.N. COOPER & SON, INC.

Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

ROBIN & HONDA

Industrial Generators
1200 To 4000 Watts





FISHER ENGINE SERVICE

3141 Old Philadelphia Pike
BIRD-IN-HAND, PA 17505 (717) 768-3729

WISCONSIN HEAVY DUTY ENGINES

6-65 H.P.

SUMMER SPECIALS

VH4D 30 H.P. Bobcat, 610 Repl.	VH4D 30 H.P. Crankstart w/Clutch & Reduction
$1,775.00	$1,995.00

Wisconsin

V465D 65.9 HPw/Clutch	$3455
VG 4D 37 HP w/Clutch Reduction	$2850
VH 4D 30 HP Electric w/Clutch Reduction	$2175
AGND 12 HP Elect.	$1135
AENLD 9 HP w/Clutch Reduction	$1280
S12D, 12 HP, Elect. Start	$615
S12D 12 HP w/Clutch Reduction	$995

(Repl. Engines in stock to fit most popular skid loaders)

Wisc.-Robin

W1145 3.5 HP Recoil	$175
EY183W 4.6 HP Recoil	$242
EY27W 7.5 HP, Recoil	$325
EY27W 7.5 HP, Electric	$465
EY27W 7.5 HP w/Pump Shaft	$319
EY44W 10.5 HP, Recoil	$425

Honda Welder Special

EW 170A 170 AMP	$1325

Generac Welder

22-40 225 AMP	$1875

Honda

G100 2 HP, Recoil	$195
G150 3.5 HP, Recoil	$215
G200 5 HP, Recoil	$265
G300 7 HP, Recoil	$346
G400 10 HP, Recoil	$445

Kawasaki Specials

KF 24GS 2.4 HP 2100 RPM	$190
KF 24D 2.4 HP, 4200 RPM	$199
KF 34GS 3.4 HP, 2100 RPM	$195
KF 64GS 6.4 HP 2100 RPM	$275
KF 64DU 6.4 HP 4200 RPM	$275
KF 64DS 6.4 HP, 4200 RPM	$350
FG 300DS 7.5 HP Electric Start	$366
KF 82D 8.2 HP Electric Start	$399

Kohler

K161 7 HP Recoil	$295
K181 8 H.P. 6-1 Reduction	$450
K301 12 H.P. Electric	$585

Continental

Y112 30 HP w/Clutch	$725
Y112 30 HP w/Clutch Reduction	$1025

Ford Industrial Short Blocks

300 CID Gas	$750

Authorized Service Center
• Complete Rebuilding • Large Parts Inventory

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3141 Old Philadelphia Pike
BIRD-IN-HAND, PA 17505
(717) 768-3729

WENGERS INC.

TELEX 316290

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

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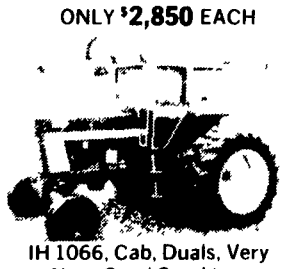
NIGHTS, PHONE: 717-866-7147 or 717-273-9089

1 MILE FROM LEBANON VALLEY AIRPORT

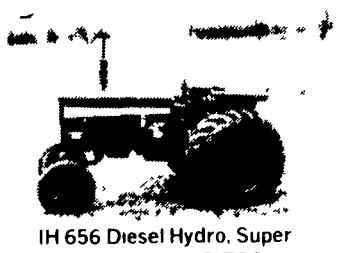
Case 1030 - 2700 Hours
1966 - Lots For The Money
ONLY $4,900

AC D19 Diesels, Choice of 3
One Has Loader
ONLY $2,850 EACH

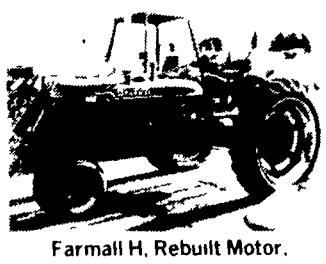


IH 1066, Cab, Duals, Very Nice Good Condition
ONLY $10,300

REDUCED $400

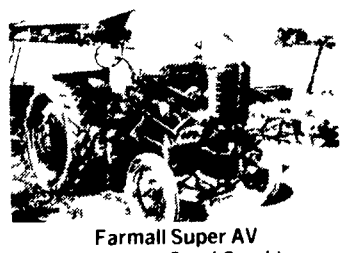


IH 656 Diesel Hydro, Super Clean ONLY $6,500



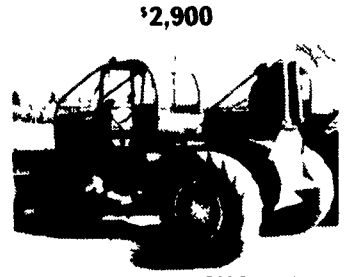
Farmall H, Rebuilt Motor, Exceptionally Clean $1,500

REDUCED $1000

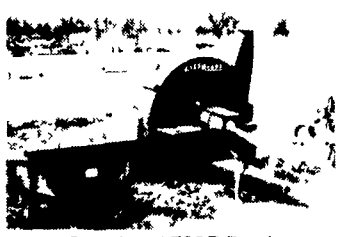


Farmall Super AV
w/Cultivator Good Condition
$2,900

JD 4320 3800 Hours, Diff Lock 2 Valves, Super Sharp
1972 $10,500

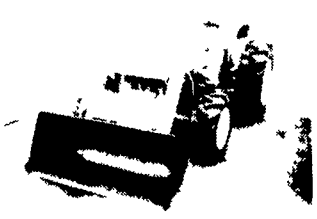


Athey Skidder GM Diesel
Overall Condition - Below Average - ONLY $6,900



Farmhand F89B Feed Processor 1000 R P M
Very Good Condition
ONLY $4,450

JD 4230, Air, Quad, 1975
2200 Hours, 4 WD, New Rubber, Very Clean
ONLY $15,500

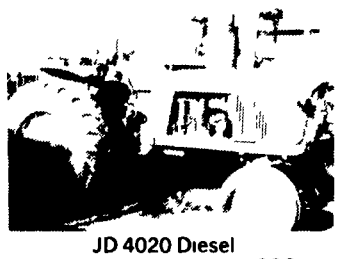


New Long 310 4WD
With Loader
List $13,800
Straight Sale $11,900

REDUCED $500

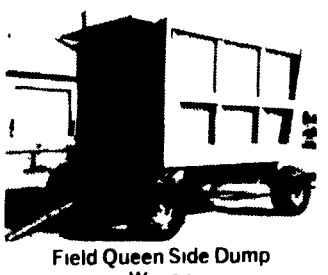
IH 856, Cab, 4100 Hours, Good Condition,
ONLY $7,400

REDUCED $300



JD 4020 Diesel
Mechanic's Special $5,600

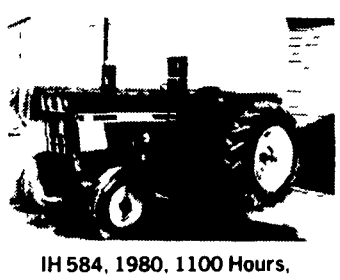
IH 484-1979-2200 Hours
Very Nice $7,600



Field Queen Side Dump Wagon
Poor Condition $1,950

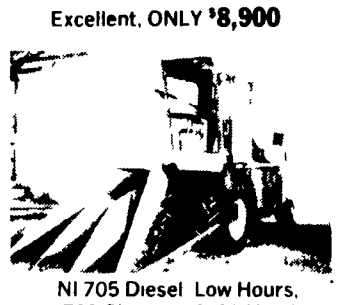
REDUCED $700

Ford 4600, 1981, Low Hours
New Tires, ONLY $8,200



IH 584, 1980, 1100 Hours,
Excellent, ONLY $8,900

IH 784 w/Cab, 1978 Model
$7,900



NI 705 Diesel Low Hours, 760 Chopper, 3x30 Head
Very Nice $11,800

CORNHEADS

AC 2 Row for A, E, K E[III], F From $500
AC 3 Row for A $2500
AC 4 Row for G, C, C[II] L, M, F - From $750
AC 6 Row for C, C[II] G From $2500
JD 2 Row for 40, 45 55, 95 3300, 4400 From $200
JD 3 Row for 45, 55, 95, 3300 4400
JD 4 Row for 105 4400, 6600, 7700, Etc From $850
JD 6 Row for 6600, 7700, Etc From $5950
IH 2 Row for 91, 93, 105, 203, 205, 315, 303, 403, 615, 715 - From $350
IH 3 Row for 203, 205, 315, 403 715, QT From $850
IH 4 Row for 403, 715, 815, 915 - From $1000
IH 6 Row for 815, 915 - All QT - From $3500
MF 2 Row for 300, 410 - From $200
MF 3 Row for 300, 410, 510 From $1000
MF 4 Row for 410, 510, 750, 760, Etc - From $1500
MF 6 Row for QT - $3000
Oliver 2 Row for 25,525 - From $250
Oliver 3 Row for 525, 535, All QT - From $1000
Oliver 4 Row for 545, 555, All QT - From $1000
Case 2 Row for 600, 660 - From $250
Case 3 Row for 600, 660, 960 - From $1500
Case 4 Row for 1160 - $875
NH 4 Row for 975, 985, All QT - From $2000

BALERS

NH 315 w/Thrower
Ford 530
Extra Throwers
Case 220

ROLLBARS & CABS

IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
AC 7000 Rollbar
IH 1206 Cab
JD 2 Post Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 5000 Rollbar
Ford 4000 Cab

SHELLERS & GRINDERS

MM 1200 Sheller
NI 315 Sheller Attach
NI 314 Sheller Attach
NI Super Sheller Attach
NI 317 Grinder Attach.
NI 318 Grinder Attach
IH 234 Sheller Attach.
JD 43 Pull Sheller
Haban P T O Sheller

PLOWS

AC 2x & 3x5C
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x-6x-7x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver (3 pts) 2x-3x
Oliver (pull) 3x
White (semi, Reset) 3x-4x-5x
IH 1x (FH & MTD)
IH 2x, 1 pt, FH
IH 3x FH
IH 4x pull
IH 4x Reset (On Land)
IH 550 5x (Semi)
IH 710 5x (Semi)
IH 710 6x (Semi)
Ford 1x & 2x (3 pts.)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt
JD 5x Rollover
Oliver 3x Rollover

DUALS

18 4x34 MF
18 4x34 Snap On
20 8x38 Axle
18 4x34 Axle
18 4x38 Snap On

WAGONS

Metal Bale Throw Rack
Flat Bed Wagon

HAYBINES

NH 478-7'
Hesston 1070-7'

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller
NI 325 w/Super Sheller
NI 325 w/12 Roll Bed
NI 323-Demo
(2) NI 323 - Used
NI 10 1X Pull

LOADERS

MF Off 165
Loader Off D B 990
Loader Off AC D19
Ford Off 8N
Freeman Off 880 Brown
AC Off 1600
Loader Off AC 210
IH Off 464
JD 36A Off 1020
Loader Off JD 420
Souders Loaders
Case for 970 & Larger
IH for 300 Utility
IH for 504 Utility

DISC'S

IH 8'-10'-11'-13' Transports
Ford 16' Transport
JD Plowing Disc-10'
JD BW-14'
KK 6' 3 pt
Kewanee 13' Rock Flex
IH 480 w/Wings
IH Cub Disc

HARVESTERS

Fox Super 1000
JD 38
MF 260
NI 705 Uni System
JD 34
NH 890

SICKLE MOWERS

JD 9 3 pt
JD 38
IH 3 pt.
Ford 3 pt
IH Cub
IH A-SA-B-BN

CULTIVATORS

Ford 2x-4x-6x
JD 2x (H & 420)
JD RM4
JD RG6
JD RM6
JD 6x Frt Mtd
IH Cub & Super A
IH C-H-M 2x Frt
IH 461 Ftr Mtd 4x
IH 4x FH
IH 153 4x 3 pt
1x3 pt - New

HARVESTER HEADS

NH Pickup for 717-770-818-880-890
NH 1X Corn for 717-770
NH 2x30 Corn for 717-770
NH 1X Snapper for 770-717
NH 2x30 Snapper for 880-890
NH 3x30 for 880-890
NH Cutterbar for 880-890
JD 243 2x30 Snapper
JD 3x30 Corn for 38-3800
MF 3x30 for 260
JD 2x30 Corn for 38-3800
NH 2x40 for 880-892
JD Pickup for 38-3800
Fox 2x30, 2x40, 3x30 Snapper Head
Fox 2x30 Corn
Fox Pickup
IH 2x30 Corn for 50 thru 650
IH Pickup Head for 15-16-350-50 thru 650
IH Cutterbar for 50 thru 650
JD 34 Cutterbar
JD 2x40 for 38-3800
JD 34 Pickup
NH 2x40 for 717-770
IH 3x30 Belted
NH 770 Cutterbar
NH 2x40 Snapper for 890

LOTS OF EXTRA COMBINE GRAINHEADS TO FIT MOST MACHINES

TRUCKS

1970 Ford 900 Single Axle Construction Dump $7500
1947 Ford Fire Truck . . . $2950
1963 Ford w/22' Tilt Bed $4500
GMC w/Grain Body $1500
1977 Dodge 4WD Pickup w/Snow Plow $4800

FIELD CULTIVATORS

JD 12' 3 pt | Glenco 13' 3 pt
JD 18' 3 pt

HAY RAKES

JD 567-6 Wheel Pull
Sitrex 4 Wheel-3 pt
D B. Pull

MISC. EQUIP.

Danuser 3 pt. Post Hole Digger-Heavy Duty
Corn Drags
LG 36' Elevator
IH Cub & 140 Attachments
Hesston 10W Mower
Farmhand Feed Processor
8' FH Blade
10' & 12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Tandem Axle Lime Spreader

TRANSPLANTERS

2 Row - Pull & 3 pt.
1 Row - 3 pt

ROTARY MOWERS

JD 5' 3 pt
JD 5' Pull
IH 12' Stalk Chopper
Cub 60"
Brady 12' Stalk Chopper
Oppel 12 Stalk Chopper
Modern 7 Pull
Toro 3 Gang Reel (SP)
Bush Hog 14' Pull
Lilliston 7 3 pt
Ford 7 Pull
Woods C80 Pulltype
Woods 6' Offset, 3 pt
Woods L59 for AC "C

FORAGE WAGONS

JD 214 | NH 7
Fox 625 | Gehl

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
725 3x30 Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
760 Harvester
3x30 Harvester Head
705 Diesel Tractor

FLAIL CHOPPERS

NH 38

SPREADERS

NH Tandem Axle-250 Bu
NI 12A - Like New
NH 512

POTATO EQUIP.

Iron Age 2X Planter
1 Row Digger
1 Row Planter
2 Row Digger

CORNPLANTERS

IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt
MF 2x 3 Pt -New
IH 56 - 2 Row
IH 449 4x Pull
JD 290 2x Pull

CHISEL PLOWS

JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt)
Kent 7' Soilsaver
Lely 12' Roterra
8 9 10' 3 pt

CULTIMULCHERS

Brillion 12'
JD 930 - 12 3 pt

CULTIPACKERS

9'-10'-12'
14' w/Transport

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PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

SUPER PRICES — ALL BRAND NEW

24 ON STOCK

SITREX
3 pt. Roto-Tillers w/P.T.O.

(2) Only 50"	$ 875
(5) Only 58"	$ 975
(3) Only 66"	$1175
(5) Only 74"	$1275
(2) Only 58" Extra Heavy	$1275
(4) Only 72" Extra Heavy	$1675
(3) Only 82" Extra Heavy	$1775

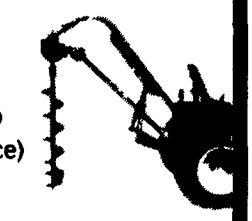
KING KUTTER ROTARY MOWERS

4' 3 pt.	$ 385	4' Pull	$ 545
4' 3 pt. Heavy Duty	$ 485	5' Pull	$ 595
5' 3 pt.	$ 395	6' Pull	$ 795
5' 3 pt. Heavy Duty	$ 495	7' Pull	$1495
6' 3 pt. Heavy Duty	$ 695		
7' 3 pt. Heavy Duty	$1395		
5' 3 pt. Heavy Duty Estate Mower	$1295		

SITREX 3 pt. CEMENT MIXERS

Regular Duty	$425
TR 25 Heavy Duty	$495
TR 35 Heavy Duty	$550
TR 55 Heavy Duty	$695

KING KUTTER POST HOLE DIGGERS



Good Quality — Not El Cheapo
6"-9" or 12" Augers (Your Choice)
$495

HEAVY DUTY HUBS AT NO CHARGE

SITREX 3 pt. HAYRAKES (and TEDDERS)
$495

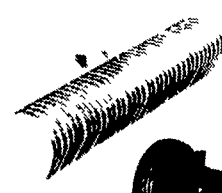
KING KUTTER LANDSCAPE BOX

6'	$ 495
7'	$ 595

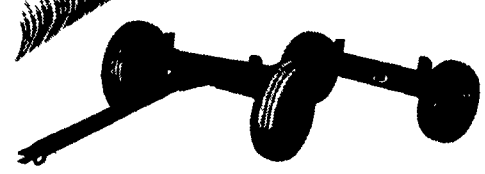
9 TINE CHISEL PLOWS
$495

SITREX
3 pt. Seeders w/ P.T.O.

(4) Only PA 150	$365
(11) Only PA 250	$385
(34) Only PA 300	$395
(4) Only PA 400	$425
(2) Only PA 500	$450



KING KUTTER STONE RAKES
6'...$495 7'...$550
8'...$595



1985 HUDSON 9500 GVW TRAILERS

All Wheel Brakes, Ramps
14' Bed $1595 16' Bed $1695

BRAND NEW IMT 539 DELUXE
39 H.P.

Reproduction of Massey-Ferguson 35, Parts Interchangeable

- Live Pto
- Differential Lock
- 3 Cylinder Diesel
- Lights & Linkage
- Deluxe Seat

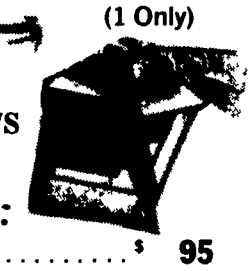
$6995

WETTMORE WAGONS (Less Rubber)

(4) Only 6 Ton 6x15 Rims	$450
(3) Only 8 Ton 8x15 Rims Adj. Tounge	$550
(2) Only 10 Ton 8x15 Rims Adj. Tounge	$625
(2) Only 11 Ton Tandem 8x15 Rims Adj. Tounge	$895

All Wagons Are Rear Tie Rods

DYNA BALANCE SITREX 6' SICKLE MOWER
$1695
(1 Only)



SITREX 3 pt. WOODSAWS
$450

NEW BACKHOE BUCKETS FOR JD - CASE - FORD

- 12" $495
- 18" $595
- 24" $695
- 36" $895

For Heavy Duty, Add $200

NEW MISC. EQUIP:

1 Row 3 pt. Cultivator	$ 95
3 pt. Potato Plow	$ 95
3 pt. Boom Pole	$ 79
Heavy Duty Boom Pole	$ 179
3 pt. Scoop For Dirt	$ 395
3 pt. Winch - 6600 lb. Heavy Duty	$1495

SITREX P.T.O. TEDDERS

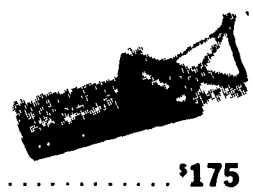
(12) Only 2 Wheel Pull	$ 995
(4) Only 4 Wheel Pull	$1795

KING KUTTER DISC'S

5½' or 6½' 18" Blades
Notched Front - Plain Rear
$495

SPEEDY 1200 BUSHEL CORN CRIBS
$850

KING KUTTER SCRAPER BLADES



6' Heavy Duty	$175
7' Heavy Duty	$195
8' Monster Duty	$695

IMPORTANT INFORMATION

PRICE POLICY GUARANTEE — We Will Not Be Undersold - If You Can Find It Cheaper Anywhere, Bring Or Send Us Proof And We Will Beat It Or Pay The Difference On The Spot In Cash.

SHIPPING — Available At Nominal Charge Anywhere in USA.

DEALERS — Call For Quantity Discounts (10 Or More Items).

ALL UNITS — Are Complete With 540 R P M. P.T.O 's Where Necessary.

ALL UNITS — Were Chosen By Our Company To Be The Best Available For The Money Spent.

It Would Be A Good Idea To Call Before You Come To Check Our Current Inventory Levels. Every Effort Is Made By Our Company To Stock All Items At All Times.

EXCELLENT SELECTION OF AFFORDABLE NEW EQUIPMENT

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067
PHONE: 717-866-2135
TELEX 316290
NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

A	$850
H w/Cultivator	$1250
"M", Cult, Mower	$1500
A w/Widefront	$1500
(2) G	Choice $1500
720 Diesel	$2400
JD 420-WF-3 pt.	$2900
R-New Paint	$3000
730D-Try-3 pt.-Direct Ele.	$3500
730D-WF-3 pt.-DE-Wts.	$4300
(3) JD 301-WF-3 pt.-1971	Choice $4850
3020-Gas	$5500
4020D-Diff.-1967-As Is	$5600
5020-Cab	$8900
4020-Cab-1968-Super Sharp	$9700
4320-Cab-3800 Hrs.-Nice	$10,500
7520-4 WD-Nice-Air-3 pt. & PTO	$13,900
4230-4 WD-Cab-Quad-Excellent	$15,500

FARMALL TRACTORS

C w/Mower	$1300
H-Fenders-Clean	$1500
Super C-New Paint.	$1650
(2) 460-Gas-Try	Each $1900
560 Gas-New Paint-As Is	$2400
Super AV w/Cultivator	$2900
460 w/Loader	$2900
Super A	$3000
560-D-WF-FH	$3700
140, Cult, FH	$3950
560D-Clean-Wide Front-FH	$4500
656D-Hydro-Clean	$6500
574-Cab-1975-4300 Hours-Nice	$6500
574-Cab-1977	$6700
574-Cab-1977-3400 Hours-Nice	$6900
856 w/Cab	$7400
484-Cab-1979-2200 Hours	$7600
784-Cab-3500 Hours-1978	$7900
584 Diesel-1980-1100 Hours	$8900
784-4WD-Cab-1978-3500 Hours	$8900
684-Cab-1980-Nice	$8900
584-Cab-1979-Nice	$8900
1456-Cab	$9650
1066 w/Cab & Duals-1972-Nice	$10,300
1466-Cab-Air-Nice-Weights-1973	$10,800
374-Cab	Coming In

FORD TRACTORS

6000D-Wide Front	$2000
4000 w/Loader	$5500
3400 w/Loader	$6500
6600-Cab-1977-Dual Power	$6900
6600-Cab-1977-Dual Power	$7400
6600-Cab-1977-Dual Power	$7900
6600D-Flat Deck-1976	$7900
7600-Cab-1977	$7900
4600D-1981	$8200
County 754-4WD	$8900
6600-Cab	Coming In

OLIVER & WHITE TRACTORS

550-Utility	$2000
1650 Gas-New Tires	$4500
1800-Cab-Nice	$4950
4-180 Duals, Cab, 3 pt. PTO-1977 Air-1800 Hours	$14,900

CASE TRACTORS

1070 w/Cab-As Is	$4500
1070-WF-P.Shift	$4500
1030D w/Cab-Low Hours.	$4900

ALLIS CHALMERS TRACTORS

WD	$850
C-Cult	$950
C-Plow-Cult-R. Mower S.B-Mower	$2250
(3) D19 Diesel-1 has Loader	Each $2850
7000-As Is-Cab.	$4900
190XT-Cab-Series III	$6700
190 XT Series 3-Cab-Nice	$6900
200-No Cab-Nice	$7500
220-Very Nice	$7700
200-Cab-Very Nice-1972	$8500
185-Wts.-Very Nice	$8500
210-Cab-Loader-Nice.	$8900
185 Cab-Air-1978-2200 Hours	$9900

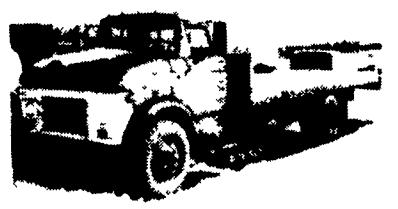
IMT & LONG TRACTORS

IMT 539-New	$6995
360 4 WD-New-Was $13,690	$9900
460 4 WD-New-Was $15,373	$11,200
310 4WD w/Loader-New.	$11,900

FINANCING AVAILABLE WITH 20% DOWN- UP TO 4 YEARS

JD 4020, 1968, DIFF Lock, 2 Valves, Super Sharp, 4400 Hours
ONLY $9,700

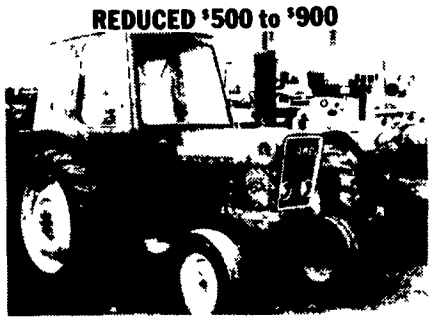
REDUCED $350



1963 Ford 600 Series
8.25x20 Tires (50%)
24' Swartz Tiltbed w/Winch
Decent Older Truck
$4,500

IH 584, 1979, 2200 Hours, Cab, $8,900

REDUCED $500 to $900



Ford 6600 - 1977's
Choose From 3 With Cabs
All Have Dual Power
$6,900, $7,400 & $7,900

REDUCED $300

AC 200, Sharp w/Cab
$8,500

REDUCED $600

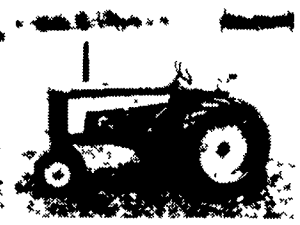
AC 185 Cab, Air, 1978
2200 Hours, Sharp
ONLY $9,900

MASSEY FERGUSON TRACTORS

Pony-plow-cult-blade	$1350
30-Needs Tune Up	$1600
65-Utility Diesel	$3950
165 w/Loader-Gas	$4900
1080D-1969.	$5900
165 w/Loader-Diesel-Nice	$7500
1085D-1977.	$7900
1150-Cab-Duals-Sharp	$8900

REDUCED $700

MF 1150 Sharp, Lots of Options, Only 2000 Hours
Cheap Power $8,900



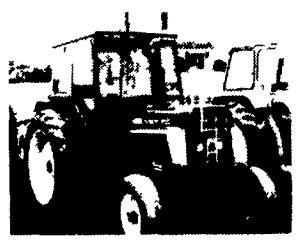
JD 730D, Direct Electric, 3 Point, Nice $3,200

JD 5020 - Runs Good
Good Buy $8,900

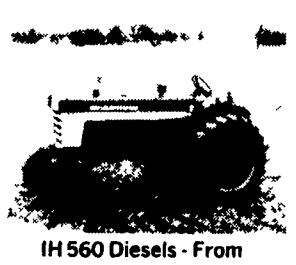
CLEAN COMBINES PRICED REASONABLE

- JD 6600 Diesel Hydro
- IH 615 w/800 Head
- MF 72 w/2 Heads
- White 7300
- IH 205
- Case 600
- MF 300 QT
- JD 3300 Diesel
- NI 705 Diesel Uni System w/Harvester & 3x30 Corn

IH 1466, Loaded, Sharp Sharp, 2900 Hours, Weights
Cheap at Only $10,800



IH 574 Cab, 1975
Nice $6,500
(2) IH 574 Cab, 1977
Nice $6,700 & $6,900



IH 560 Diesels - From Average to Excellent
$3,700 to $4,500
IH 560 Gas - Narrow Front
ONLY $2,400

CONSTRUCTION EQUIPMENT

NEW 1985 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton, 14 Ft. $1595

TRACTORS WITH LOADERS

Big Dipper	$2900
IH 460	$2900
MF 165	$4900
Ford 4000	$5500
Ford 3400	$6500
MF 165.	$7500
Long 310-4WD, New	$11,900

TRAILERS

1985 2X 4 Ton	$1595
1985 3X 9 Ton	$3900
1985 2X 12 Ton	$5800
1978-25 Ton Fold Gooseneck	$24,500

OFF ROAD ROCK DUMPS

(3) Mack 25 Ton Rock Trucks	$81,800

DOZERS

IH TD6-62 Series.	$5900
Cat D4C	$9500
JD 350B	$10,700
JD 450	$10,700
Case 350 6 Way	$12,400
Case 450 4 Way	$12,600
Case 1150B 6 Way	$16,500
Case 350B 6 Way-1979	$18,200

SKID STEER LOADERS

Melroe 600 As Is	$1000
Melroe 371 As Is	$1000
Gehl - As Is.	$1900
Case 1740D.	$5800
Melroe 731D	$6800
IH 4150 Diesel.	$8300

LOG SKIDDERS

Ford Log Hog	$4500
JD 440	$6900
Athey As Is	$6900
Athey As Is	$8200
IH S7C	$9500
Clark 666B-1975 w/Grapple As Is	$14,700
JD 440C-1978	$23,800
JD 440C-1980	$25,300
JD 640 w/Grapple	$26,900
JD 640	$28,900

MISC. CONSTRUCTION

(60) Used Hoe Buckets	From $100
(30) Loader Buckets	From $100
(30) Set Forklift Forks	From $300
Case 580B Cab	$750
New 3 pt. Winch	$1495
JD 350 Winch Attach.	$1,850
Sheepsfoot Roller-Nice-9'	$4,500
AC D Grader	$5,900
Wabco Self Loading Pan	$7900

BACKHOE ATTACHMENTS

JD-Case-AC-Long 3 pt
McConnell 3 pt

FORKLIFTS

4000 lb., Solid Tires, Side Shift	$2300
Clark 2000 lb	$2500
Yale 4000	$3500
Ford 4000-RT	$5900
Clark 8000 lb	$6900
Hyster 10 Ton	$15,000
MF H30 Diesel-1979	$15,900

BACKHOES

Temco 8-New	$3750
Ford 3500-As Is	$6150
Case 480	$10,750
Ford 5550 ROPS	$12,800
Case 580B	$13,250
Case 580B	$13,500
Case 580F Cab 4 in 1	$17,250
Case 580F Cab 4 in 1	$17,750
Case 580F Cab 4 in 1	$19,750
Case 480F Cab 4 in 1 Extendahoe	$21,750
Ford 4500 Cab	Coming In
Ford 550 Cab	Coming In
(2) JD 410 w/Cabs.	Coming In
(2) JD 310A	Coming In

CRAWLER LOADERS

Oliver HG	$2200
Oliver OC3	$2600
Case 310	$3900
AC HD3	$5900
JD 350B	$13,500
Cat 941 w/4 in 1 bkt	$21,700
Case 450 w/Hoe Cab-4 in 1	$23,500
Case 850B-4 in 1-Ripper-Cab	$34,500
(5) Case 450	Coming In
Case 450 w/Hoe	Coming In
(2) Cat 931 Cab	Coming In

RUBBER TIRED LOADERS

Michigan 55	$4900
Trojan Diesel	$6900
(2) Case W7E	$10,700 Each
Terex 72/31-1972	$19,500
Cat 910 1976	$24,500
Terex 72/31-1977	$27,500
Ford A62.	$27,800
Ford A62-Cab	$27,800
Ford A64 1978	$28,500
Case W20	$28,500
Michigan 55B	$29,500

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

NEW EQUIPMENT
JD 650, 750 & 2040 Tractors
JD 1209 Mower Conditioner
Brillion 16' Spring Tooth
Bush Hog RB60R
Bush Hog Post Hole Digger
Bush Hog RTL52 Tiller

USED EQUIPMENT
1250 Broadcaster
AC 32 Disc
NI Rake
NI 7 Picker
JD B Tractor
JD MT
Ford 8N
AC WC

MILLER'S SALES & SERVICE, INC.
West Penna Ave
On Highway 851
Stewartstown, PA
717-993-2470
or 993-2732

Quality Used Equipment

John Deere design dependability and dealers make the difference

• TRACTORS
JD 4840 Cab, Duals
JD 2020 Gas
IH 1466, No Cab, Duals
JD 4230 Cab, PS, Very Clean
JD 8430 3 pt., PTO, duals

• HAY & FORAGE
(2) JD 3800 Forage Harvesters w/2 row Wide Corn Head

• COMBINES
(1) JD 15' Rigid Platform
JD 444 Corn Head

• MISCELLANEOUS
6' Rear Scraper
8' Rear Scraper

• TILLAGE
Ford Disc 24'
Springtooth 12'
Springtooth 16', Hydraulic wings on wheels
Dunham 14' Packer
Chatanooga 17' Packer

• PLANTING EQUIPMENT
JD 1240 4R, Double Disc
Oliver Drill 13x7
AC 330 4 Row Planter
JD 7000 4 RN No-till
JD 1440 4 Row No-till

—Cooper Ent., Inc.—

"We Cater To All Farmers, Big or Small"
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Phone
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(301) 648-5416
(301) 755-6608
Evenings Call
Gary (301) 885-2248

GAS & DIESEL ENGINE REPAIR

BRIGGS & STRATTON

Notice:
We have a large stock of Briggs & Stratton and Kawasaki replacement engines at special prices. Replace your old engine now and save $$$! We also stock parts for B & S, Kawasaki, Wisconsin & others

• • • • • NEW BRIGGS & STRATTON ENGINES • • • • •

3 hp 80202 Horz. $118
5 hp. 30202 Horz. $147
8 hp. 190402 Horz. $218
3½ hp 92902 Vert. $107
8 hp 190702 Vert. $230
10 hp 220705 Vert. $269
5 hp 1C Horz. $189
8 hp 1C Horz. $250

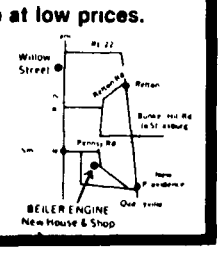
Many other models in stock and available, check with us now!
UPS Shipping Add 5%
We also have Tecumseh and Kohler engines available at low prices.

Prices good while Supply lasts

KENDALL MOTOR OIL

Open Daily 7-7
Saturday 7-5
Closed Sunday

BEILER ENGINE SERVICE
245D PENNSY RD, NEW PROVIDENCE, PA
Check Our Prices



NEW TRACTORS

JD 2440 Dsl — Call For Prices
JD 2750 Dsl. TSS w/hi-lo — Call For Prices
JD 4250 — Call For Prices

NEW MACHINERY

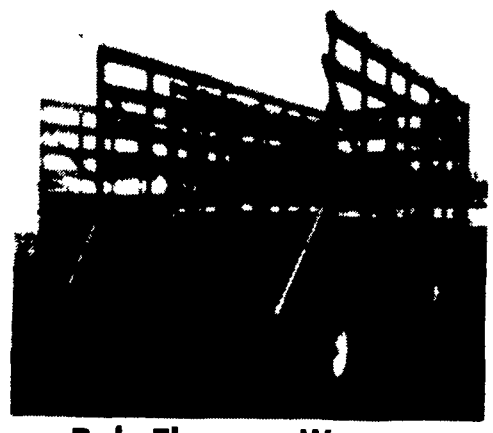
JD 466 Spreaders
JD 215 Disc Harrows
JD 315 13' Disc
JD 660 Rakes w/rubber teeth
JD 3940 Fg Harvester
JD 2700 6Bx18" Plow
JD 16x10 FF Drill — $4,000
JD 21x7 Drill
JD 327 Baler w/ejector
JD 27 Flail Shredder
JD 965, 1065, 1075 & 1275 Running Gears

Demco sprayer ground driven 500 gal.
Little Giant Elevator 38' w/hood & down spout

USED MACHINERY

1980 JD 950 Trac. w/75 Loader & 1550 Backhoe
1979 MF 285 Dsl.
1-IHC 830 Fg. Harv. 1981 model, PU & 2 R.C H — $9,500
1981 White Combine 7300 w/704 N 4 Row Corn Head — $20,500
JD 6600 Combine, 1977 model, 215 Flex Head, 643 C.H 653 Row Crop Head
JD 4400 Combine 1977 Model, Motor Completely overhauled, JD 443 Corn Head & JD 213 Platform
L2 Gleaner Combine, Corn & Soybean Special, Mod. 1978 w/ A438 Corn Head, 15' Platform
JD 750 Tractor, 2 Wheel, PS — $6,500
NI Mower Conditioner 9' — $2,500
JD 40 Spreader
JD 1610 13' Pull Type Chisel Plow
Nobel 12' Mix & Till Seed Bed Finisher

WALTER'S SALES & SERVICE, INC.
RD 2 Box 49 Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP



Bale Thrower Wagon

8 ton gear
Sides well braced
Side Holes - End Gate - Painted

We will also repair your wagon or build on your gear.

Hay Rack and Feed Bunk Combination. Built on skids for easy towing. 8', 12- on stock. Also avaialble trailer type. Less hay waste

Also Round Hay Racks w/bottom for 18 head.

Bell Road Wagon Shop

Box 280 Bell Road
Christiana #1, PA 17509
1 mile south of Ninepoints off 896
take Noble Rd. to Bell Rd.
8 mi. N. of Oxford
Dealers Welcome
Answering Service
717-529-2614

USED TRACTORS

A.C. 6080 Fully Weighted
JD 620 Tractor

MANURE SPREADERS

NI 218 Spread w/Hyd. Endgate
NI 214 w/Flail Att. w/Hyd. Endgate
NI 206 Ground Drive Spreader
Hawk Bilt 187 R.H. Tank Spreader
Starline 930 L.H. Tank Spreader

UNI EQUIPMENT

709 Uni Tractor w/Rear Wheel Assist, Fully Wgted
705 Uni Tractor Fully Wgted
702 (Gas) Uni Tractor
767 Uni Chopper
760 Uni Chopper
762 Chopper Head (2 Row)
763 Chopper Head (3 Row)
717 Combine w/13 ft. Header
713 S Grain Head
724 Stripper Head (3 Row Wide)
729 A Sheller
766 Pickup Head

HAY EQUIPMENT & FORAGE

NH 495 (12 ft.) Haybine
NH 489 Haybine
NH 4[SOLD]bine
NH 1495 Haybine, Hydrostat Drive, Air, used [SOLD] seasons
IH 11[SOLD]bine (used 1 season)
MF 81 (9 ft.) Haybine (nice)
NH 320 Baler w/No. 70 Thrower
NH 770 R-2 Chopper Head (2 Row Wide)
890A, 890W, 890-N-3 (3 Row Narrow Chopper Head)
NH Super 23 Forage Blower
Hesston 1010 Hydro Swing Haybine

COMBINES & CORNHEADS

1976 KKS Gleaner Combine w/10 ft. Hdr.
1974 300 M.F. Combine w/10 ft.
300 M.F. (Diesel) Combine
AC 238 (2 Row) Corn Head
M.F. Qt. 24 Corn Head
MF 322 Corn Head (3 Row Wide)

MISC.

12½ Miller Offset Disc
450 Art-Way Grinder Mixer
731 Bobcat Skid Loader

NEW SPECIALS

10 ft. Brillion Seeder **$2995.00**
NH 718 Forage Harvester **$6750.00**

ALLIS CHALMERS
NEW IDEA FARM EQUIPMENT
SPERRY NEW HOLLAND

SHARTLESVILLE FARM SERVICE

Authorized CENTRAL TRACTOR FARM & FAMILY CENTER

RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

NOW IS THE TIME TO MAKE HAY WITH case IH

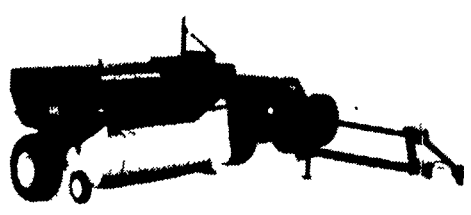
1190 Mower-Conditioner In 7' & 9' (2134 & 2743 mm) Sizes

Unmatched Performance. The 1190 is designed with a combination of features that are unmatched in its class. From cutting and conditioning to windrowing or swathing, you'll get the kind of job that can preserve all the quality that's in your hay to maximize its feed value. And you'll work at time-saving speeds in every kind of crop — from tall and heavy to short and thin.

NEW! International® 86 Rake
Get top raking and crop handling with the 86 rake. Value-packed, it's designed to suit most raking needs. Check out these features:
- Rugged channel steel frame
- Quiet, positive belt ground drive
- 5-bar reel with adjustable basket suspension
- Long-lasting rubber flex joint teeth
- Wide, 8-ft. 6-in raking width

See it now.

86 Rake



445 Baler

Up To 19 Tons Per Hour!
International® 400 Series balers offer you more than just capacity. With 4,800 lbs. of force behind the plunger, you're assured of tightly packed, uniform bales that stand up to rough handling.
445 offers top performance in hard-to-bale crops such as cane, millet, sudax. With 65-in. 6-bar pickup with 120 teeth, gauge wheel. Heavy-duty 3-knuckle PTO.

Call Our Salesman, Ken Neff: (717) 285-4538 or 1 (800) 732-3525

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Sat. 7 AM - 2 PM

CERTIFIED SERVICE

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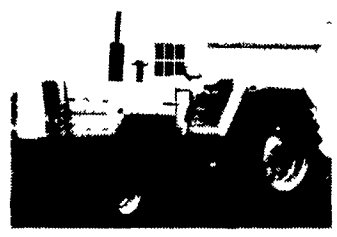
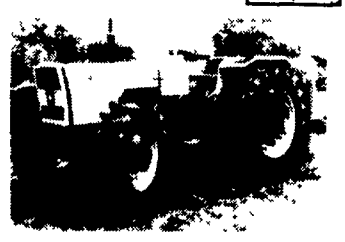
Deutz DX 4.70
90 HP Turbo Diesel, 19.6 GPM Hyd. Pump, 15 Speed All-Synchro Trans., 540/1000 PTO, F. Weights. Unit #225
$16,500



Landini R 10000
92 HP Perkins Diesel, 12 Speed All-Synchro Trans., 18.4x38 R. Tires. Handsome appearance.
$16,500

Landini DT 5830
42 HP Perkins Diesel, 12 Speed Synchro Trans., Full FWD, 4 Disc Wet-Type Brakes, 4 Wheel Brakes, Big Front Tires Unit #233
$10,995



Landini DT8830
68 HP Perkins Diesel, 12 Speed Synchro Trans., Full FWD 5 Disc Wet-Type Brakes, 4 Wheel Brakes, Automatic F. Differential Lock, Big Tires. Unit #243
$14,500

NOTICE: CASH PRICES FOR LIMITED TIME
All new & demos w/New Factory Warranty. All Actual Photos.
9.9% D.C.C. Financing Available On Deutz
Must Make Room For New '85 Stock. These Unit Prices Will Be Systematically Adjusted Until Sold. Buy Now Before They Are Gone.

FROM OUR SERVICE DEPARTMENT:
10% Parts Discount On All Tractor Repairs
Over $500 - Shop Or Road

We Have Moved To Our New Building At 222/322 Crossing, Ephrata, PA

Stauffer Diesel Inc.
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INVENTORY CLOSEOUT ON NEW IH EQUIPMENT

IH 5500 7' Chisel Plow $1,850
9' Available $2,150
IH 510 4 btm. 18" Plow $2,500
IH 560 Spreader w/Endgate $5,350

USED EQUIPMENT

JD 2020 Diesel Coming In
1816-B Case Uniloader
JD-A w/Loader
Farmall A w/hydraulics & cultivators
IH 45 Field Cultivator, 14' Pull Type
IH 510 5 Bottom Plow
IH 311 2 p.h. fully mount 3 btm.
JD 350, 5 Bottom, Hydraulic Reset, Sidehill Hitch
14' Pittsburg Disc
Brillion 16' Harrow
IH 350 Chopper, 1 row
IH #8 Flail Chopper, ex. cond.
IH 56 Blower, good cond.
IH 1190 Mower Conditioner, ex. cond.
JD 1209 Mower Conditioner
IH 2000 Loader w/48" Manure Bucket

GRIMM HAY TEDDER SPECIAL PRICES

Model Super C, PTO Drive, Regularly $1,650 May Price $1,465
Model B Ground Drive. Regularly $1,700. May Price $1,500
Hardi Sprayer Special - TR 300, 1200 Pump, 35' Self Leveling Boom, Hardi-Matic Controls, Regularly $3,400. One Only $3,050
RY15 Back pack Sprayers, 15 Liter Capacity, $99.95
Lawn Sprayer, 10 Gal. Pull Type, Self Pumping $129.95

HARDI SPRAYERS IN STOCK
Discounts On
Cub Cadet Tractors

HARRISON EQUIPMENT INC.
New & Used Farm & Lawn Equipment
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Cub Cadet HARDI

YOU NEED A FENCE??
A & J Fencing.
All kinds of fence.
Specializing in high-tensil fence.
We also do post driving
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Call 717-687-7109
between 4 p.m. - 9 p.m.
for prices

FOR SALE (3) CRCO SNAP BEAN HARVESTERS
and dump carts.
(2) Standards "Low Boy"
(1) 1964 High Boy "504"
All are ready to pick beans. Buy a spare harvester. During a breakdown it could save part of your crop for less than the price of 1 load of beans.
(2) 32' tandem trailers w/belts
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JOHN DEERE Nothing runs like a Deere

SPECIAL
JD 5200 SP Forage Harvester w/5460 Cutter Head & Rotary Screen, very good condition

CLUGSTON IMPLEMENT, Inc.

NEW TRACTORS
JD 4250 MFWD Sound Guard
JD 4250, PS, SG
JD 2950
JD 2750
JD 2350 MFWD
JD 2255
JD 1650, 1450
JD 950
JD 750 MFWD
JD 300B Loader/ Backhoe
JD Trac Loaders Model 75, 100, 245, 260

USED TRACTORS
JD 3020

USED CORNPLANTERS
White S400 6 R.N- w/no-till

NEW TILLAGE
JD 215 Disc
Haybuster No-Till Drill Also for Rent

NEW HAY & FORAGE EQUIPMENT
JD 5720 SP Fg. Harv.
JD 3970 Fg. Harv.
JD 3950 Fg. Harvester (1) w/iron guard
JD 347 Balers
JD 530 & 430 Rd. Baler
NH 849 Round Baler
NH 489, 499 & 1495 Haybines
NH 411 Disc Mower Conditioner
NH 258 Rake
Miller 2150 Forage Wagon
NH Forage Wagon
Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower/Cond.

NEW SPREADERS
NH 791
Martin S1466 & S1678 Scavenger
H&S 295 Spreaders

USED HAY & FORAGE EQUIPMENT
JD 2 Row Narrow Corn Heads
Hesston 1010 & 1014 & 1090 Mower Conditioners
JD 1326 Mower Conditioner
Hesston 10 Stackhand w/Stack Mover
NH 495
NH 479 Haybine
NH 2 Row W 880 Head
NH 278 & 269 Baler w/Thrower
JD 336 Baler
Ford 530 Baler w/Thrower
Oliver 720 Baler w/Thrower
NH 2 Row W Snapper Head for Forage Harv.
Fox 3000 Harvester w/Heads
JD 343 Corn Head for Forage Harv.
NH 26 Blower

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW DRILLS
JD 8250 14x7
JD 8300 18x7

NEW MISCELLANEOUS
Demco Sprayer 600 gal.
NH Grinder Mixer 355

USED MISCELLANEOUS
NH 357 Grinder Mixer
Badger Lagoon Manure Pump
Used JD Transport Disc
Used Case 1845 Dsl. Skid Loader

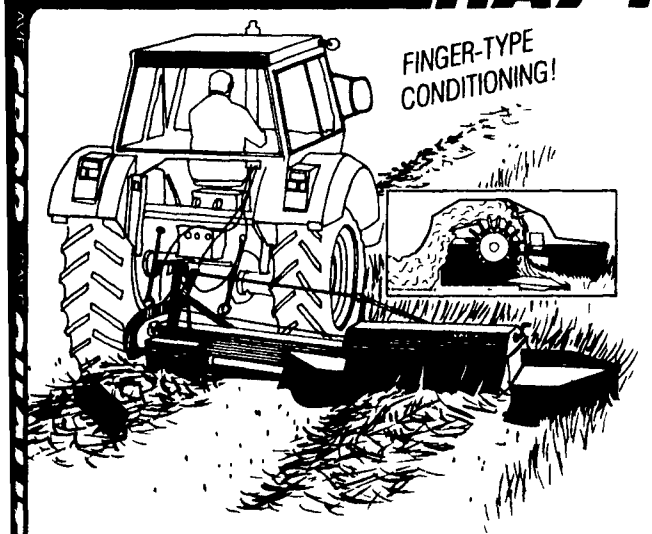
USED SPREADERS
NH 329 & 518 Spreaders

NEW SKID STEER LOADERS
NH 455, 555
Bobcat 643, 743

Ask About Waiver of Finance
on NH & JD Equipment
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND

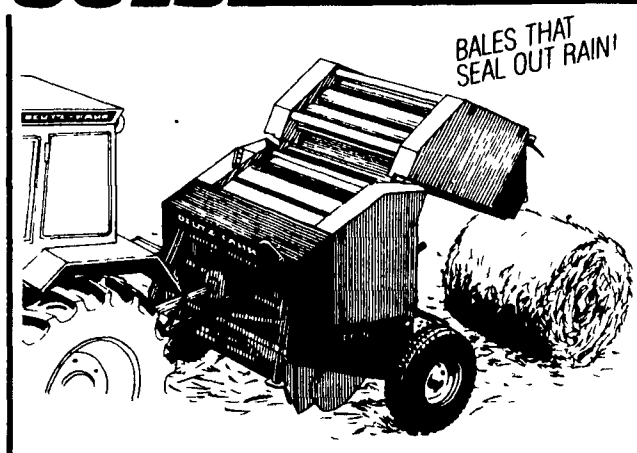
SIMPLE ECONOMICS HAY TOOLS



Deutz-Fahr introduces "hay conditioner of the future!"

Meet the Deutz-Fahr SM40CR Turbo Disc Mower/Conditioner—a simpler, easier-running mower/conditioner that speeds evaporation of plant moisture and dry-down of the crop. The key is a single, finger-type conditioning rotor that gently bends forage stems as it rubs off the natural waxy protective stem coating. The rugged 7-foot machine features cable-strut suspension and a two-speed gearbox that can be set for grass hay or legumes. Stop in soon and find out about the "simple economics" of Deutz-Fahr mowers, rakes, tedders, and balers. They treat your hay, and your money, gently.

KHD DEUTZ FAHR



16 tough steel rollers... best round bales possible.

At last a round baler that makes real economic sense. High-volume capacity and picture-perfect bales that preserve high-quality, high-value hay. The Deutz-Fahr GP220 Round Baler produces 4-ft x 4-ft bales with medium-density core and an extremely-high-density outer wrap. The wide, heavy-duty pickup is hydraulically raised and lowered from the driver's seat.* Put the GP220 to work in hay, straw, cornstalks or high-moisture hay for baleage. Stop in soon and find out how Deutz-Fahr "simple economics" mowers, rakes, tedders and balers treat your hay, and your money, gently.

*Bales are automatically tied and ejected

KHD DEUTZ FAHR

SAVE THE CROP SAVE THE QUALITY THEY SAVE YOUR TIME

Stauffer Diesel Inc.
RD 3, Box 659B,
Pleasant Valley Rd., Ephrata, PA 17522
(717) 738-2500

SAVE THE CROP SAVE THE QUALITY SAVE THE CROP SAVE THE QUALITY

1 FARM EQUIPMENT

TRIPLE H EQUIPMENT

Peach Bottom, Pa.
717-548-3775 or 717-548-2094

Vicon Vermeer

NEW VERMEER EQUIPMENT

(1) 605H Baler
(2) 504G Baler (Demo)
(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill (Demo)
(1) 23' Twin Rake (Demo)
(1) 504 H (Demo)

NEW VICON EQUIPMENT

(3) KM 321 Mower Conditioner 10' 6"
(1) KM 281 Mower Conditioner 9' 5"
(1) KM 240 Mower Conditioner 7' 10"
(3) CM 240 Mower 7' 10"
(1) 16' Tedder
(2) Vicon Square Baler
(4) Single 4 wheel Rake
(6) 100-500 gal. Sprayers w/elec. & manual controls & ground drive pumps

USED EQUIPMENT

(1) 10' Tedders Neimeyer
(1) NH 489 (Excellent)
(1) NH 469 Haybine
(2) CM 240 Disc Mowers (Demo)
(1) 300 gal. Agri-Tek Sprayer

SPECIALS ON SPERRY NEW HOLLAND MACHINES

S.G. LEWIS AND SON, INC.

352 N. Jennersville Rd., West Grove, Pa.
215-869-2214 or 215-869-9440

SPECIALS ON NEW SPERRY NEW HOLLAND EQUIPMENT — 2-YEAR WARRANTIES

NH 311 Baler w/NH 70 Thrower..... $10,100
NH #38 Crop Chopper w/Auto Hitch, Push Bar, Hydraulic Lift, Extra Knife Kit..... $4,800
NH 892 Forage Harvester w/Auto Hitch, Spout Liner, Elec. Controls, Metal Alert..... $10,300
w/NH 824 Corn Head, extra..... $3,600
NH 320 Baler w/Auto Hitch, 3 Joint H.D. PTO, w/NH 70 Tosser w/Mech. Controls, Hydraulic Directional Package..... $10,200
NH #8 Crop Carrier w/Extension Sides & Roof..... $5,750
Adj. Tongue
NH 1600 Harvester w/4 Row C.H. & Pickup
NH 782 Harvester w/Manual Controls
NH L35 Skid Steer Loader for Rental
NH 307 Spreader
NH 855 Rd. Baler
NH 489 Haybine
NH Rake 256, 258
NH Skid Steer Loaders
NH Grinder Mixers
NH #238 Wagon Chassis w/New Flo Tires & Long.

USED BELTING MATERIAL RUBBER MATS FOR

Comfort Stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers,
Hog Houses

Paul N. Brubacher
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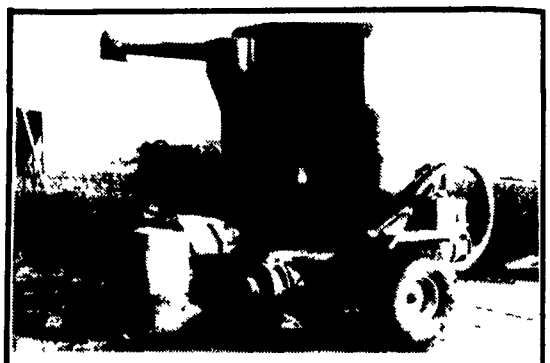

IH 1350 Grinder Mixer, 25" Mill 4 Ton Mixer, Hydraulic Drives, Scales, Remote Position Unload Auger, High Capacity Pneumatic Blower Unload System, Like New, Hammers Never Turned.

12' Massey Disc Harrow, Excellent Condition.

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Call John Bolton or Gunther

QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS

JD 2750 Dsl., Hi/Low, new
JD 2550 Dsl., Hi/Low, new
JD 2940 D. 1400 hrs. roll guard w/enclosure, 1981 model
JD 4040 Dsl., Cab, Air, Quad., 700 hrs., next to new
JD 4020 diesel, WF, 1968 Model
JD 4620 Dsl. w/Cab, Power shift, very nice
JD 4230 dsl., Power Shift
JD 4230 Dsl. SOLD Power Shift, Roll Guard, 18x38 rubber
JD 4320 Dsl., Roll Guard Cab w/38" Rubber
JD 3010 Dsl. RC, Very Nice
JD 2510 Gas WF, Very Nice
JD 2440 Dsl., Independent PTO, dual hydraulic
JD 2840 Dsl., WF
JD 2040 diesel Utility, very nice
JD 1050 Dsl. 850 hrs., like new
JD 730 Dsl. SOLD c. Start, Nice
Ford TW20 Cab, Air, Duals, Like New
IH 986 Cab & Air, 18x38 Rubber, 2100 Hrs.
IH 1086 Dsl. Cab & Air, 1600 hrs., very nice
IH 886 Dsl., 4 Post Canopy, new TA, very nice
IH 826 Dsl., WF, 3,000 hrs., very nice
IH 756 diesel, WF, 3 pt.
IH 686 Dsl., WF, 3 pt., Very Nice
IH 666 Dsl., WF, very good
IH 584 Dsl., Utility, Very Nice
IH 856 Dsl. 3 pt. WF
IH 544 Dsl., utility, 3 pt.
IH 1066 Dsl. Cab, Air, Black Stripe
IH 1066 Red Cab & Air, very good
IH 666 Gas, WF, Very Good
IH 574 SOLD sl., Very Nice $5,4.
IH 656 G Hydro, 15x38 Rubber
IH 460 w/Fast Hitch, Good Rubber
IH 560 Dsl.
IH Super A w/Cultivator
AC 185 Dsl., WF, Very Nice
Oliver 1755 dsl., WF, 2100 hrs., very good
Oliver 1750 Gas, WF, Over & Under Shift, 1200 hrs.

New Deutz Fahr Hay Tedders Early Buyers Save Big $$$$$

LOADER TRACTORS

IH 460 Utility w/Industrial Loader
JD 2030 diesel, 1800 hrs., Hi/Low w/146 loader
JD 820 Dsl. w/loader

Farm Bilt Bale Wagons 8x18 8 ton gear adjust. tongue, 11Lx15 tires, $1,850

DISCS

JD RWA 11'
JD AW 12'6", Very Good
JD 13' 4000 Double Offset

HAY EQUIPMENT

NH 467 Haybine, Very Good
NH Super 69 Baler, Excel. Cond.
NH 479 Haybine
Gehl 72 6' Flail Chopper
JD 1209 Mower Conditioner, Late Model
JD 346T Ba SOLD Thrower
JD 346W Baler w/Thrower
NH 489 Haybine
NH 845-846 Rd. Balers, very nice
NH 490 3 Pt. Rd. Bale Mower
NH 456 Rd. Baler, Like New
NH 1002 Bale Wagon, Like New
NH 78 Baler w/Wagon Hitch
NH Pickup Head for 890, 892, 880's
JD 640 Rake w/dolly whl.
Vermeer 605 F Rd. Baler
Hawk Built Rd. Baler
Ford 530 Baler, excel. cond.
NH 1005 Bale Wagon, single bale unloads

TILLAGE

Brady 22' Hydraulic Fold Field Cultivator, Very Nice
Glencoe 7 Tooth Soil Saver
Glencoe 12' 3 pt. Field Cultivator

CORN HEADS

AC KL 238, A438
JD 243, 244, 343, 443, 444, 643
IH 843, 227, 844
MF 43 & 63C, 1143

CORN PICKERS

JD 300 2 or 3 Row, like new
Farmall M Tractor w/NI Super Picker
NI 325 2 RN 12 Roll Bed
NI 324 2RW SOLD Roll Bed
NI 324 2RW w/Super Sheller
NI 323 1R, picked 125 acres
NI 702 Uni-Husker w/Cab, 3R 30" Snapper Head 1400 hrs., excel. cond.

CORN PLANTERS

JD 7000 4 row consv., Dry Fert., Monitor, Insecticide
JD 7000 4R W. Dry Fert., Insect. Attach w/No Till Coulters
JD 1240 Plate, Liq. Fert.
JD 1240 4R. Dry Fert., Insect.

COMBINES

MF 540 Dsl. Cab, Air, 178 hrs., like new
MF 82 w/12' Grain Table, good condition
1980 Gleaner F2 dsl., Cab & Air, 13' Grain Table
1979 JD 4400 Dsl. Cab & Air, 1100 hrs., very nice
1978 JD 6600 Dsl., Cab, Air, Hydro., 4WD
1977 JD 4400 Dsl., Cab & Air, 23x26 rubber
JD 6620 Dsl., Cab, Air, Hydro, reversable feeder house, 600 hrs., like new
IH 1440 Axle Flow, Cab & Air, 1100 Hrs., Very Nice
1975 JD 3300 Gas, Cab & Air, Very Nice
1974 JD 7700 Dsl., Cab & Air Turbo Hydro
1974 JD 4400 Dsl., Cab, Air, Choice of Heads
IH 715 w/Cab, Very Nice, Choice Of Heads
NH 975 Cab, 11' Grain Platform, 2 R. C.H.
IH 820 13' Flex Head, Like New
New & Used JD 213 Flex Heads

Good Selection of Grain Tables
Financing Available on Above Machines

MISCELLANEOUS EQUIPMENT

JD 8200 14x7 Grain Drill w/Grass Seed
Bushhog 5' Rotary Mower, 3 pt. New
JD & Ford 3 pt. 6' Flail Mower Planters
18x38-18x34 Duals
Cabs to fit IH 706 thru 1466 Tractors
NH 353 Grinder Mixer, very nice
Brillion 8' Alfalfa Seeder w/Transport, good condition
IH 950 Grinder Mixer
JD 4 Row RG & RM Cultivators
Caldwell 7' 3 pt. Hitch Blade, new
JD 158 Loader, used
Ontario 14x8 Hoe Drill, very nice
IH 2R. Potato Digger, very good
Cab to fit JD 3010-4320

SPECIAL

NH 1049 Self-Propelled Bale Wagon, 160 Bale Capacity, Very Nice

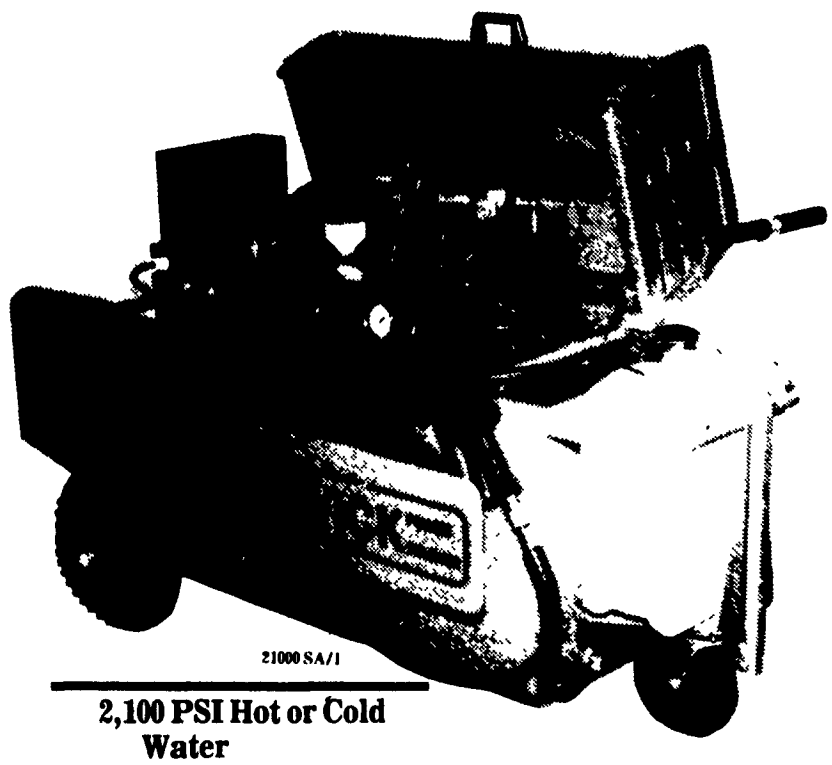
Built to Outperform...
Built to Outlast!

June is dairy month

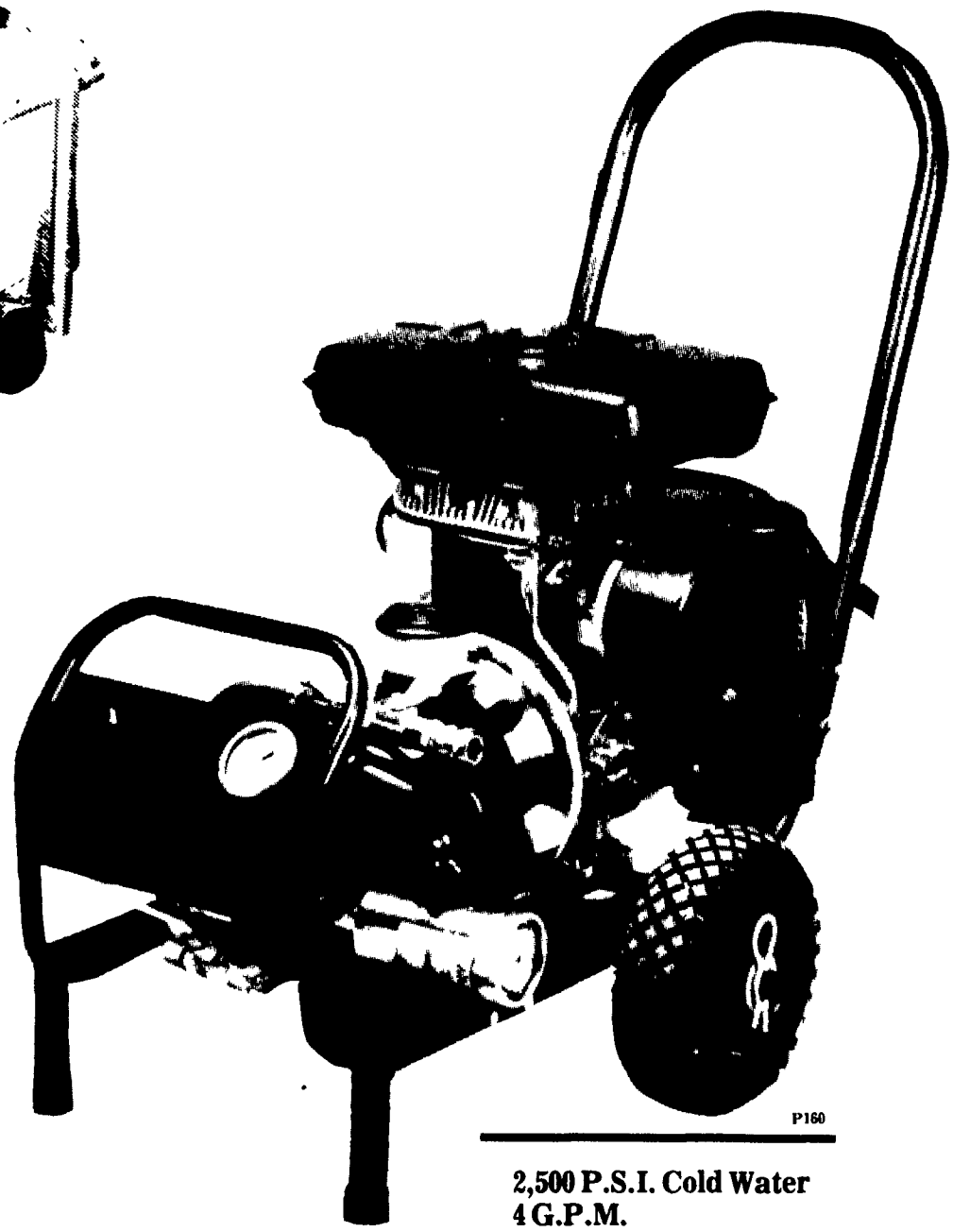
Dairy Month is a natural time for a real "Thank You"

WARWICK

WARWICK HIGH PRESSURE WATER WASHERS

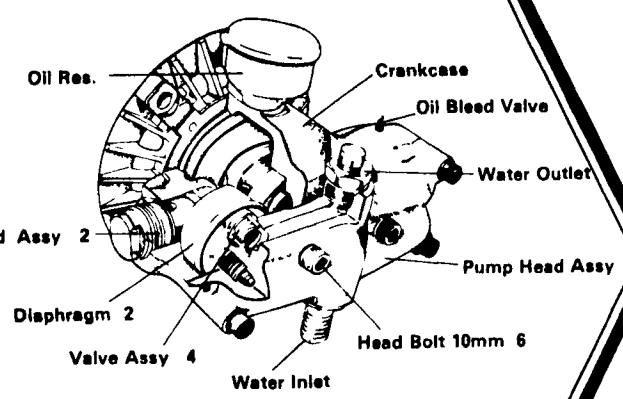


2,100 PSI Hot or Cold Water
4.5 G.P.M.
4.5 H.P. 220 V
1 Phase



2,500 P.S.I. Cold Water
4 G.P.M.
8.5 H.P. Wisconsin Robin Gasoline Engine

The Warwick Diaphragm Pump



The Heart of The Machine

- **Direct Coupled to Motor**
- **No Vee Belts**
- **Can't Damage by Running Dry**
- **Quiet In Operation**

WE ARE A FULL SERVICE DISTRIBUTOR FOR WARWICK HIGH PRESSURE WATER WASHERS

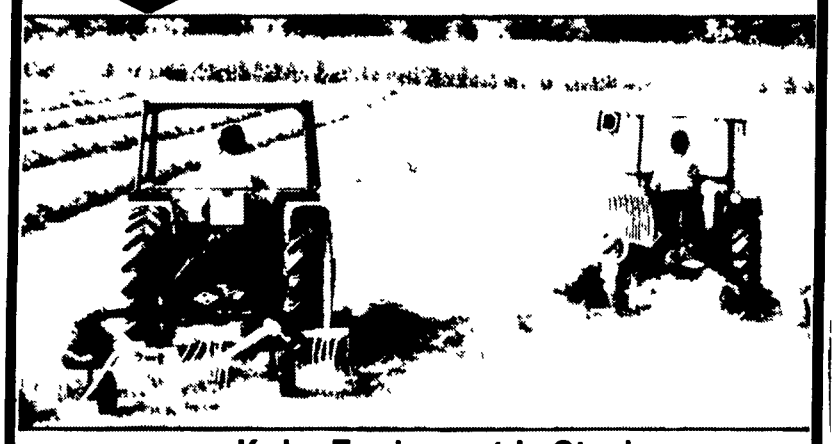
FARMERSVILLE EQUIPMENT INC.

HOURS
Daily 8AM - 5PM
Sat. 8AM - 1PM

RD 4, East Farmersville Road, Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271

1 FARM EQUIPMENT

KUHN PRODUCTS



Kuhn Equipment In Stock

- Disk Mower
- Rakes
- Combination Rake Tedders
- Disk Mower Conditioner
- 17 Ft. & 10 Ft. 2" Tedders

Special on GRS24 9 Ft. Rake Tedder $1895

Special Prices Available On All Models

BIGGS INCORPORATED

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NEW HOLLAND

WE ARE IN THE BUSINESS TO SERVE YOU SINCE 1945!

JOHN DEERE

NEW TRACTORS...

JD 650, 14.5 Hp
JD 750, 18 Hp 4WD, Turf
JD 850, 22 Hp 4WD, Cleat
JD 1050, 33 Hp
JD 2150, 4WD, 45 Hp
JD 1450, 4WD, 50 Hp
JD 2550, 2WD, 65 Hp
JD 2750, 4WD, 75 Hp
JD 4250, 4WD, Cab, PS, 120 Hp

USED TRACTORS...

JD 4040, PS, Fenders, 590 Hours
JD 2840 w/148 Loader, 1000 Hours
Ford 4000 (as is) w/Blade
JD A, B and 2 H's
JD 40 High Arch w/Cult.
AC D14
JD 40 w/Plow, Cult., 3 Pt.
JD 430 Wide Front, 3 Pt.
IHC Super A
Case 400 w/Plow & Mower

USED COMBINES

JD 6600 Regular
JD 6620 Side Hill
Choice of 215 & 216 Grain Tables and 4 & 6 Row Cornheads

NEW EQUIPMENT...

JD 7000 Conservation 4-Row Planter, Liq. Fert., Waiver til April 1, 1986 ..... Clearance! $10,000
JD 506 Rotary Mower $950
Miller PRO-2175 Forage Box w/Roof, 3 Beaters, 17.5 Ft. w/New JD 1275 12-Ton Tandem Wagon Gear w/11Lx15 Tires ..... All For: $7,280
JD 1219 Mower Conditioner $7,650
Woods Dixie M5 60" 3 pt. Mower $750

NEW HAY EQUIPMENT...

NH 311 Baler, Super Sweep, Hitch & Chute ..... Cash: $6,585
NH 316 Baler, 75 Hyd. Thrower ..... Cash: $9,540
NH No. 80 Bale Mover, Hyd. Push Off, 3 Pt. For Round Bales $795
NH 489 Haybine ..... SAVE!
NH 256, Rubber Tines (used) ..... Cash Price: $2,350
JD 327 Baler w/40 Ejector ..... SAVE!
JD 337 Baler w/30 Ejector ..... SAVE!

HARDI SPRAYERS...

300 Gallon Trailer Sprayer, Diaphram Pump, Self Leveling 35' Boom, Flotation Tires $3,655
155 Gallon, 3 Pt. Combi II Sprayer For Trees and Vegetables $4,500

OTHER NEW & USED EQUIPMENT...

Used JD 3940 Harvester w/2 Row Narrow Cornhead and 6½ Pickup, Elec. Controls, Like New $11,500
Used Gehl Hi Throw 60" Blower ..... CALL & SAVE!
New Holland 283 Baler
New Woods Mowers - 3 Pt. and Pull - All Sizes
Used JD 148 Loader, 72" Bucket, Like New
12,000 Watt PTO Generator
Used Kuhn 13' Hay Tedder ..... CALL FOR PRICE

KERMIT K. KISTLER, INC.

Rt. 143, Lynnport, Pa. 18066 Phone 215-298-2011
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SKID LOADER RENTALS

SKID LOADERS WITH
- BUCKET
- FORK
- OR BACKHOE

Amos 4 12 ' Prepare to Meet Thy God

STOLTZFUS RENTALS
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Delivery Available
N of Honey Brook off Rt. 10 Approx 1 Mi. E on Todd Rd to White School Rd

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Pifer's Farm Equipment

New and Used
We have a very good variety. If we don't have it, we'll get it.
5 miles west of York Springs, PA
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DAIRY MONTH SPECIALS ON NEW EQUIPMENT

Landoll 7 Shank Soil Controller, Demo $4500
McConnell 12' spring harrow pull type $850
Gehl BH1500 bale handler $1800
Gehl 1460 Round Baler, 45"x60", demo-rental, full warranty, pay 11-1-85 ..... $7400
Gehl CB1000 forage harvester, tandem axle, electric controls, pay 11-1-85 ..... $10,500
Gehl DM140 3 pt. disc mower, 5'6" cut, hydraulic lift. $3100
New Idea 555 square baler, ... CASH BEST BUY $5500
New Idea 509 9' mower conditioner. ..... CASH BEST BUY $6700
New Idea 406 5 bar rake, caster wheel, used some, ... CASH BEST BUY $2300

USED EQUIPMENT

TRACTORS
Case 930
Case Vac
Case 1390
Case 1070
Case 1170 Cab
Case 2090 Cab
Case 885
DB 1210
Agri Power 9000
Ford B10230
JD 3010
JD 4020
MF 235
IH 84 Hydro

MISCELLANEOUS
MF 41 Sickle Mower
IH Bar Rake
2 Row Hershey Transplanter
2 Row 3 pt. Mechanical Transplanter
JD 214T Baler
Woods 15' Mower
IH 225 Hayswather
Wetmore 878 Grinder Mixer
OMC 217 Mower-Conditioner
IH 56 Planter 4-Row

FORAGE
Gehl 99 Blower
Gehl 910 Box
Gehl 920 box/roof
JD 3800 Harvester
Gehl RC 800 Recutter
IH 51 Forage Box
IH 56 Forage Blower

INDUSTRIAL LOADERS & BACKHOES
Case 580B Backhoe
Case 1737 Uniloader

NEW IDEA
270 Cut-Ditioner
279 Cut-Ditioner
838 Uni-Husker
325/329 Picker Sheller
325/327 Pickers
323 Pickers
702 G Power Unit
710 Combine
743 N Head
767 Harvester

SPREADERS
NI 206
NI 213
NI 214
NI 218
JD 54

A.L. HERR & BRO.

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Case IH NEW IDEA HESSTON MARTIN GEHL Gets into your system BUSH-HOG

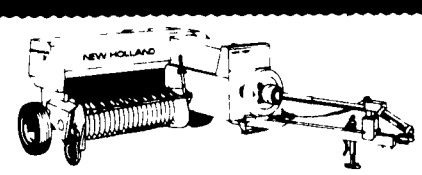
DEPENDABLE MOTOR CO.

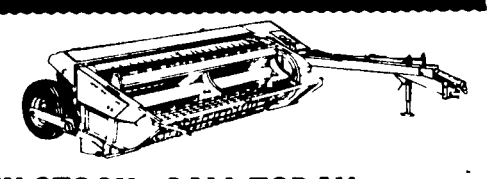
East Main St., Honey Brook, Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #320 w/#70 Thrower $12,800
NH #316 Baler w/#70 Thrower $10,950
NH #316 SS $8,600
NH #256 Steel ..... ONE $2,345
NH #258 Steel Tine Rake ..... ONLY $2,770
NH #489 Haybine $8,500
NH #456 Mower $2,470
NH 1495 SP Haybine Cab, Air, Diesel Demo $28,950
NH #718 Harvester (Demo)
NH #782 Harvester, Metal Detector (Demo)
NH #28 Blower $2,915
NH #770W Pickup Head $1,925
NH #8 Forage Box, 3 Btr. and Roof w/234 Wagon and 13:50 Tires, Adjustable Tongue $7,250
NH 307 Spreader For $11,500
NH #355 Grinder Mixer, Hydraulic Drive $7,430
NH 425 Rental ..... Call

SPECIAL DEAL
363 Tank Spreader $3095





PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

- Waiver of Finance On All New & Used Hay & Forage Equipment Till September 1, 1985
  OR
- Cash Rebates Up To $6300
  OR

- 0% Financing - 12 Mos.
- 5% Financing - 18 Mos.
- 7.9% Financing - 24 Mos.
- 9.9% Financing - 36 Mos.
- 11.9% Financing - 48 Mos.

DEPENDABLE IS MORE THAN OUR NAME

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

USED EQUIPMENT SAVINGS
Our Good Prices Become Great Deals

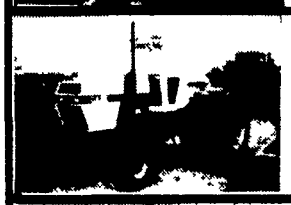
Our Selection of Used Tractors

JD 2940 Dsl. MFWD, Cab w/Leon H.D. Loader
JD 2640 Dsl. w/Roll Guard & Enclosure
JD 2440 Dsl. Hi/Lo Trans.
JD 2240 Dsl. Hi/Lo, Roll Guard
JD 4630 Dsl.
JD 1530 Dsl.
JD 4020 Dsl. Power Shift
JD 3020 Dsl. S/R w/48 Ldr.
JD 3020 Dsl.
JD 2510 Gas w/Roll-O-Matic
White 2-105 Dsl.
Oliver 1650 Gas
IHC 1066 Dsl. w/Cab
IHC 806 Dsl.
Case 1210 Dsl., WFE, Power Shift 12 Speed
Case 2090 P. Shift, Cab, Dual, Whls., 1000 Hrs.
Ford 6000 Dsl., WFE
Ford 600
Minneapolis Moline Jet Star 3

John Deere 4020 Row Crop, Dsl., Power Shift, Diff. Lock, Good Cond. w/Snow Blade

Case 1210 Dsl., WFE
$7,095

Oliver 1650 Gas
Hyd. Power
$6,995



Case 2090
P. Shift, Cab, Dual Whls, 1000 Hrs.
$19,500

John Deere 4630
Dsl.
$13,500

John Deere 2240
Dsl., Hi/Lo, Roll Guard & Canopy
$9,850

IHC 1066 Dsl., Cab
$14,900

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USED TILLAGE TOOLS

JD 44 2B14 Pull Type Plow
JD F125 4B16" Plow
JD 2600 5B18 Semi Mtd. Spring Reset
Brillion LG108 9 ft. Pulverizer
Brillion 10 ft. Pulverizer
JD F950 12' Roller Harrow
JD 215 12' 10" Disk Harrow
JD 3000 Series 14 ft. Disk Harrow
JD AW 24B1 Disk Harrow
JD AW 28B1 10 ft. Disk Harrow
JD 230 21'4" Wing Fold Disk Harrow
JD 310 14'3" Disk Harrow w/F.F.

USED CORN PLANTERS

JD 7000 6R30 w/Liq. Fert.
JD 7000 4R30 w/Liq. Fert.
JD 1240 4R30 w/Dry Fert.
JD 1240 4R38 w/Dry Fert.
JD 494 4 Row w/Dry Fert.
AC 6 Row No Till w/Dry Fert.

Waiver of Finance Charges to April 1, 1986
Now Available for NEW John Deere and USED ELIGIBLE Corn Planters

USED HAY EQUIPMENT

JD 336 Baler w/30 Ejector
JD 500 Round Baler
Ford 3 pt. Sickel Bar Mower
JD 896 Hay Rake
Hesston PT10 9' Haybine

USED FORAGE EQUIPMENT

JD 3960 Harvester w/3R 30" RC
JD 3940 Harvester w/2R 30" RC
JD 35 Harvester w/2R 30" RC & 5' P-Up
(2) JD 716 Forage Wagon w/1275 Wgn. Gear

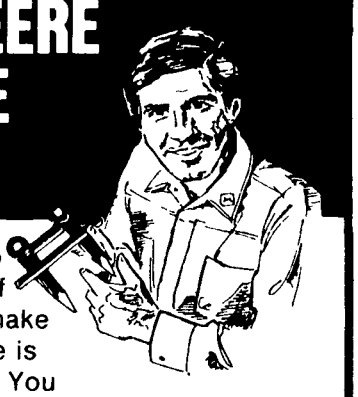
USED MISCELLANEOUS

JD 520 Trailer Sprayer
JD 535 Trailer Sprayer

JD 2940 TR
$32,900

IHC 806 Dsl.
TR
$7,250

When Your Harvest Is On The Line, Depend On JOHN DEERE COMBINE PARTS



Before it's time to reap the results of your hard labor, make sure your combine is running smoothly. You can avoid unnecessary downtime in the field by stocking up now on genuine John Deere parts. Chains, belts, fingers, bearings, rasp bars and more — we have all the parts you may need to restore like-new performance. Check your combine and see your Parts Pro soon. Ask about new competitive pricing on whatever parts you may need. For top quality, priced right, you can depend on John Deere.

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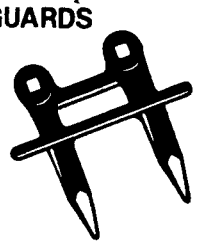

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New Tires
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John Deere 5200 S-P Forage Harvester w/New Engine 3-R 30" Row Crop 7 Ft. Hay Pick-Up

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475 Disc, 17'5"
720 auto. reset plow, 5 btm.
5500 Trailing Chisel plow, 10'

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784 4WD
244 2WD
234 4WD, autb.
475 disk, 17'5"
16x7 comb. drill
370 disc, 11'6"
720 auto. reset 5 btm.
#50 Shredder
800 Cyclo planters, 4 row
IH 5500 trailing chisel plow 10'
IH 5500 mtd. chisel plow, 9'
IH 5500 mtd. chisel plow, 7'

USED EQUIPMENT

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22" Notch Discs, Like New

IH 1256 Tractor
IH 806D Tractor
IH 656 Hydro Tractor
500 Crawler (Row Crop)
666 Farmall G
Farmall C
Farmall SC w/Cults.
Haines bulk bodies
Ziggy bulk body, 16'
Massey Harris drill 16x7
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JD 2 row potato diggers
Gehl CB 400 Forage Harvester 1 Row Corn Head, Hay Pickup
Iron Age potato planter, 2 row
IH forage blower
Holland transplanter
IH 46 baler
IH 4 btm. semi-mtd. plow
Haines Stone Pickers
(2) IH 234 Corn Pickers
NH #352 Mixer
IH Grinder-Mixer

JD 7000 Corn Planter, 4 row wide, no till or minimum till, dry fertilizer Real Good Buy!

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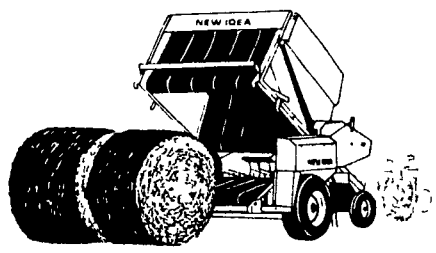

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- Easy to move with smaller tractors
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NI 406 hay rake
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Badger blower
Badger bale chopper
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USED EQUIPMENT

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NH 256 hay rake
(2) Myers forage wagons
NI 717 combine
NI 680 forage chopper
(3) Badger forage wagons
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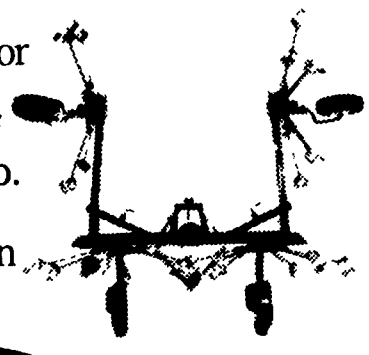

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IH 784 4 WD w/TA
IH 584 52 HP
IH 5088 135 HP w/Cab

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IH 5509 3 pt. Chisel Plow
IH 5511 3 pt. Chisel Plow
IH 496 19' Disc

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IH 800 4R Air Planter
IH 800 6R Air Planter
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IH 5100 20x6 Plain & Fert. Drill

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IH 540 Spreader
IH 550 Spreader
IH 560 Spreader
IH 1250 Grinder Mixer
IH 2250 Loader
IH 40 Heavy Duty Blade

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IH 600 Forage Blower
IH 435 Baler w/Thro
IH 1190 Mower Cond. 9'
IH 3450 Round Baler
IH 781 Harvester w/2 Hds.
IH 881 Harvester w/2 Hds.
IH 130 Forage Box

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IH 1086 w/Cab $20,950
IH 986 w/Cab & Duals $19,500
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Oliver 18 Pull Combine $650
NI 323 1R Corn Picker $2650
IH 46 Baler w/Thro $1250
IH 37 Baler w/Thro $1750
IH 650 Forage Harvester w/Hds. $1250
Pitts. 12' disc harrow $1950
Cultipacker 9' $300
IH 401, 12' (like new) $575
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IH 540 4F 16" Plow $1150
IH 550 5F 16" Plow $1250
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IH 60, 3F 14" Trail. Plow $450
IH 710 5F 16" Plow w/Cyl. $2250
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IH 510 SD 16x7 Drill $3500
JD FB 13x7SD Drill $850
Ont. 16x8 Hoe Drill $1250
IH MF SD 13x7 Drill $300
IH 56 2R DD Planter $850
IH 56 4R Planter $950
IH 400 4R Planter $950
IH 400 6R Planter w/Insect. $2750
JD R Grd. Drive Spreader $350
NI 214 Spreader 3 Beater $950
IH 550 Spreader $1350
IH 56 Forage Blower $750
IH 5 Flail Chopper $350
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Dismantling Combines for parts over 400 all makes and models Call before you come.

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COMBINES

Gleaner C2 Diesel w/2 heads $5500
JD 45 w/10' Grain $1500
IH 203 w/10' grain head $2475
MF 750 D, hydro & grain head $14,750
MF 30[SOLD]ick tach, gas & grain head $3,500
IH 815 Diesel Hydro 4 row 30", 4 row 38" & grain $9,850
MF 410 Quick tach w/grain head 4 Row 30 & 38" Corn Head
IH 403 hydro, 4 row 30" and 13' grain $5,500
IH 76 PTO 7' pull type $475
AC Gleaner C2 w/4 row 38" corn $3,500
MF 72 10' Head $1,200
Massey 82 w/10' grain & 2 row 38" $1,500
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AC 60 pull type, nice $385
IH 80 pull type Auger feed $950
JD 6600 Gas w/grain head $9,000
Massey 72 w/10' grain & 2 row, cab & P/S $2,000
Massey 300 quick tach, cab, grain & 2 row corn $3,875
Gleaner C-2 diesel w/cab & grain and 4 row corn $4,500
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AC Gleaner G w/4 row corn, $6,950
Gleaner E 10' Grain 2 row 38" or 3 row 30"
Gleaner A w/grain head $2,000
Gleaner E3 cab, grain & 3 row 30" $6,000
E Gleaner, cab & 10' head, $3,000
JD 4400, cab & head $7,000
C2 Gleaner w/2 heads $4,500
JD 6600 Diesel w/grain head, $8,500
JD 4400 Diesel w/grain head, $9,875
Gleaner M Diesel w/grain head & 4 row corn head, $11,500
IH 80 7' pull type auger feed, $875
MF 510 Diesel w/Quick Tach, grain head $5950
MF 410 Gas w/Grain Head & 4 Row 30" $5500
Massey 82 w/12' grain & cab $2,000
IH 82 pull type, auger feed, PTO $1,475

TRACTORS

AC WD w/WF & loader
IH 300 Utility w/loader
Massey 44D w/WF & loader
Farmall C w/blade & mower
Massey Pony w/1R cult. & 1 btm. plow
AC D19 Diesel w/WF
Case 400 Diesel
Farmall Super M w/PS, live hyd. & live PTO
Ferg. 30 w/3 pt.
IH 57[SOLD]new motor
IH 856 Diesel WF, dual outlets, 3 pt. like new 20" radial tires real sharp $7475
Case 830 diesel WF & 3 pt. $3375
Farmall M Diesel $975
Farmall 560 Diesel $2850
Farmall BN w/hyd $875
Ford 900, P/S, real clean
AC D14 gas, narrow front
AC D17 Diesel snap coupler
IH 3444 Diesel backhoe w/2 in 1 bucket
AC 6040 diesel 3 pt
Ford Jubilee
Ferguson 30
460 Gas, Runs Real Good
Ford 4000 Gas Good Rubber $3800
Ford 3000 Gas, New Paint $3500
IH Super C, new mo[SOLD]ew paint w/cult.
IH 560 diesel, looks nice
JD 730 Diesel, PS, WF, 3 pt.

PICKERS

(2) NI #7 Picker
(2) Woods 1 Row

MISC.

NH 469 Haybine, $1475
12 Tooth Trailer type chisel plow
JD 210 wheel disc, like new
Ford 3 pt. disc, $475
JD 14' wheel disc $800
JD 16' wheel harrow $1475
30 plows from 2 to 7 bottom
2 IH 10' wheel discs
2 NH 461 haybines $950 ea.
New 8 ton wagon gear
Ford 3 pt. mower
MF 3 pt. rotary hoe $235
IH 315 14', cultimulcher
Oliver 62 Baler w/thrower $500
NI cutditioner $875
2 JD 6 btm. 16" plows w/side hill hitch
40' Hay & Grain Elev $325
7 & 8' drag discs, $100 & up
JD 1240[SOLD] plateless plan
NH 479 haybine 9'
IH 10 double disc grain drill, nice
35' Hay Trailer w/rack, $1,250
Tandem Wheel 26' bale wagon
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3 pt. rotary cutter
2 IH 6 row 30" 400 air planters, choice, $1275
NH 354 Grinder mixer, real clean, $3000
AC 14' wheel disc $1275
NI 213 3 beater spreader
IH 8 ft. Wheel Disc
NI 12' flail mower
1 & 2 row corn pickers
(2) IH 56 4 Row Planters
IH 370 11 ft. Wheel Disk
JD 246 2 Row 3 Pt. Planter
Badger Tandem wheel 3 beater w/roof forage wagon
Sickle bar mowers, $100 & up.
Balers with throwers & without, $300 & up.

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MF 1100D
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Ford 4,000D
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Farmall M, H, C, 404, 300, A, BN
AC D17G, B, A, CA

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Ford 7600
Ford 8200, 4WD 110 h p
Ford 8600 1972 w/dual power
Ford 9700 cab, DP
Ford TW15 w/cab & air
Ford TW20 cab & air
New Ford TW25 4WD no cab
Ford TW30 4WD w/cab & air
JD 1030 hi [SOLD] ib
JD 2030
JD 2130 1975 w/cab
JD 3120 1969
JD 4040 2WD w/cab & air
JD 4240 2WD w/cab & air
IH [SOLD]
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JD 1610 Pull Type 11' Chisel Plow
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IH M Diesel	$ 800
IH 1486 w/Duals	$17,500
JD 2940	$15,000
JD 2510	$ 5,500
JD 730 Dsl	$ 3,500

COMBINES

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IH 205 Combine w/3R C.H.	$ 5,500
NH TR 70 w/6 Row Head	$19,900
68 JD 45	$ 5,000
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JD 4 Row Consv. Liquid	$ 7,500
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JD 115 Disc 10 ft.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 415 Rotary Hoe
JD 430 Round Baler
JD 450 Hydra-Push Spreader
JD 716A Forage Box
JD 506 Rotary Cutter

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Ferguson 30 w/Cult. & Harrow
JD "B" Tractor
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MF 2675 w/Cab & 24 Spd. Trans., Ex. Cond.

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1 JD 65 Forage Blower w/hyd. pump
1 Power Unit, 30 hp elec. 3 phase motor w/clutch & trans.
JD 272 3 pt. Mower 72" Cut
NI Forage Blower
JD F130 4-14" Bottom Plow
(2) NH 479 Haybine
Owatonna SP Mower Conditioner
Row Crop Head 3 Row Wide
AC 600 4 Row Liquid Planter
JD Model 350 - 5 Bottom Plow
JD 3-14" Plows
Bush Hog 12' Chisel Plow
Gehl 600 Harv. w/2R Snapper
NH 358 Grinder Mixer, like new
JD 216 Forage Box w/1065 Wagon
JD 65 Rear Blade, 7 ft. like new

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(1) 17' wood bale wagon - $1,100
Mayrath hay & corn elevator - $1,300
Pequea hay tedder - $1,350
Gravity Bin wagon - $650
Century 300 gal. sprayer - $850
3 pt. scraper blade - $550
Ford 5000 dsl., w/2R mounted picker - $5,800
JD 2940 dsl., 900 hrs. - $18,000
JD 2630 dsl. - $9,800
JD 310 disc - $4,000

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MILLER PRO FORAGE BOX

Find Out Why Farmers From Across The Country Are Talking About And Buying These Boxes

Compare Miller Pro Cubic Foot Capacity And Price To Other Forage Boxes

- MILLER PRO MODEL 2150, 766 Cu. Ft. w/Box Roof ..... SALE PRICE $4,775
- MILLER PRO MODEL 2175, 895 Cu. Ft. w/Box Roof ..... SALE PRICE $5,430
- MILLER PRO MODEL 2200, 1024 Cu. Ft. w/Box Roof ..... SALE PRICE $5,950

Call Now For The Best Deals!

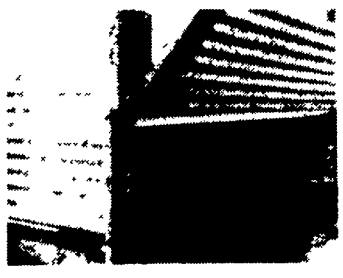
These Are Heavy Duty Boxes, But Are Very Competitively Priced!

"The Miller 'Pro' is the Cadillac of boxes for a Chevy price."
Ed Ranney
Route 1
Boyceville, WI
2-Miller 'Pro' 2150

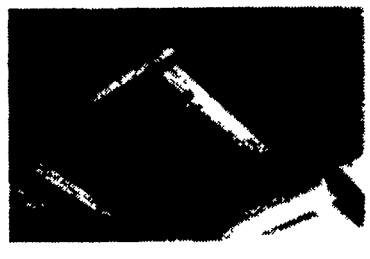
WARRANTY:
The MILLER PRO, designed to be durable, has the longest warranty in the industry. One year parts and service on entire box with second year on parts, and a lifetime warranty on the steel sides and pressure-treated wood material.

CHECK THESE OUTSTANDING FEATURES:

CROP CLEAR ROOF
The crop clear roof is constructed of heavy 20 ga aluminized corrugated steel eliminating need for roof rafters which can interfere with loading of crop

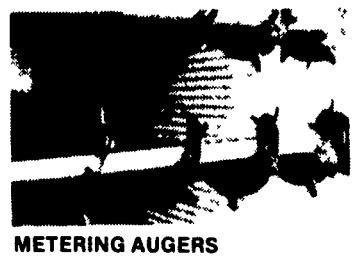


REAR ACCESS DOOR
The door encloses heavy duty 6 tooth idler sprockets, 1¼" solid steel shafts and cast tightener brackets
This door eliminates clumsy shields and provides for easy maintenance
The rear slant panel is to re-enforce the rear of box and to help control tipping of crops at the end of unloading



UNDERSTRUCTURE
The under structure of the PRO is constructed of kiln dried, pressure-treated ground contact (40) high quality wood Not just a dipped surface treatment
Full length main stringers consist of triple 2x8's bolted together (double 2x8's on Model 2150) for a laminated effect This cross grain lamination eliminates weak support points common in single 4x8's with thru knots

AN OUTFEED THAT DELIVERS!
A high capacity 22 wide 12 extended outlet heavy duty (CA 550) roller chain and cast block tightener bearing assure smooth even flow of material to blower The CA 550 chain has the same strength as 662 pintle but with less stretching and sprocket wear
Spillage is minimized because of lowered outfeed pan close fit main apron floor plate return pan and windguard Optional 30 fold up extension



METERING AUGERS
A common problem of many farmers is an uneven flow of material while unloading
Small diameter tine style beaters used by most manufacturers under cut material while unloading causing bunching and uneven feeding The PRO features large diameter 18 drum style metering augers for smooth aggressive non wrap unloading
Angle and set back of augers combined with progressive auger speed eliminates overthrow making a fourth auger or spill guard unnecessary

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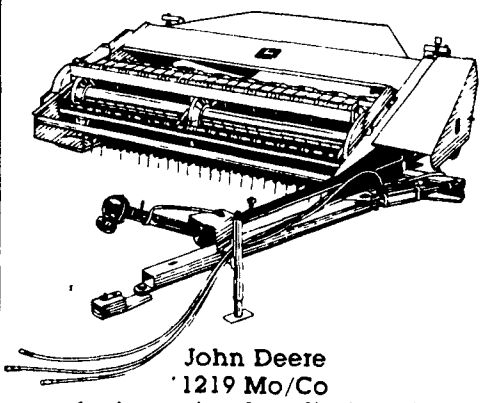
Exclusive DuraCushion™ disk improves disking results in rocks

- **MODEL 215** Dura Cushion Disk, 11'5", w/Furrow Fillers, Covers 12'10" Overall
  $6375
  Until Expiration Of Sales Program

- **MODEL 215** Dura Cushion Disk, 12'10" w/Furrow Fillers, Covers 14'4" Overall
  $6,775
  Until Expiration Of Sales Program

EASY ADJUSTMENTS



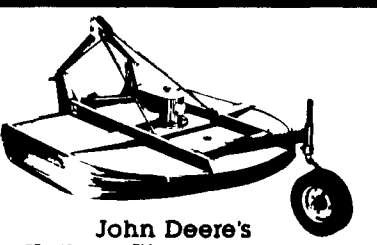
John Deere 1219 Mo/Co features simple adjustments for easy servicing

- **MODEL 1219** Mower conditioner, 9'3" Cut w/Deere's Exclusive Non-Clog Guards

$7890
JD Customer Discount -$450
$7,450

Plus Waiver of Finance Charges Until Oct. 1, 1985
OR $175 OFF For Cash in June = **$7,275**

Cornstalk cutters



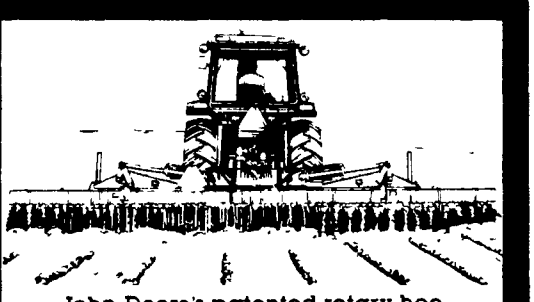
John Deere's Unibody™ cutter family has a model just right for your fields

John Deere's Unibody family of rotary cutters is ready to shred cornstalks or even brush, efficiently and quickly

- **MODEL 509** Heavy Duty Rotary Cutter, 5 Ft. Cut w/Slip Clutch Protection, Suction Blades & Puncture Proof Laminated Tire
  List Price $2100 SALE **$1,660**

- **MODEL 609** Heavy Duty Rotary Cutter, 6 Ft. Cut w/Slip Clutch Protection, Suction Blades & Puncture Proof Laminated Tire
  List Price $2360 SALE **$1,975**

Save your crop

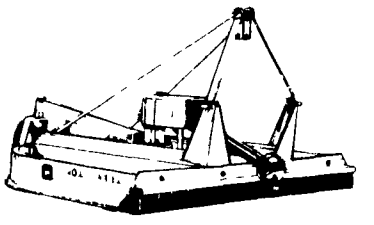


John Deere's patented rotary hoe design makes it the #1 tool for breaking crusts that threaten your crop

Rigid or folding John Deere 400 Rotary Hoes offer a patented design that shatters crusts and knocks out small weeds That s why they re the number one seller

- **MODEL 415** Universal Rotary Hoe, 15' w/52 20½" Wheels, Operators Shield, Parking Stand **$2,385**

Tough utility

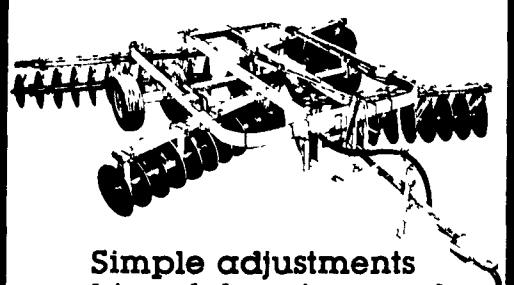


John Deere's 5- and 6-foot cutters feature rugged Unibody™ design

Multi-purpose blades and a circular blade holder are only a few of the features you ll like on these cutters

- **MODEL 606** Utility Rotary Cutter, 6 Ft. Cut w/Slip Clutch Protection, Suction Blades & Puncture Proof Laminated Tire
  List Price $1750 SALE **$1,380**

LEVEL-ACTION™ DISKS



Simple adjustments and tough bearings make these disks "simply tough"

- **MODEL 215** Disk, 11'5", 22"x.180 Blades Cushion Gang Att., Furrow Fillers, Covers 12'10" Overall
  $5,975
  Until Expiration Of Sales Program

- **MODEL 115** Disk, 11'5" w/9' Blade Spacing, 22"x.180 Blades, Furrow Fillers, Cushion Gang, Covers 12'10" Overall
  $5,150
  Until Expiration Of Sales Program

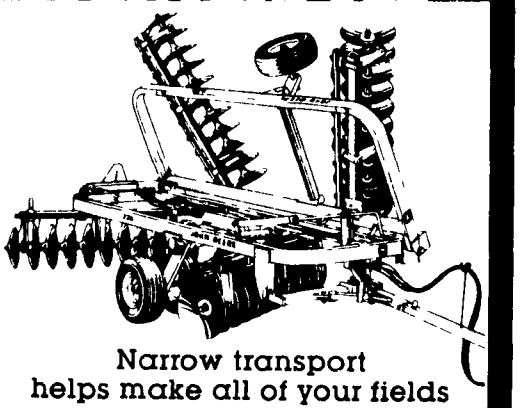
- **MODEL 115** Disk, 10'0" w/9' Blade Spacing, 20"x.180 Blades, Furrow Fillers, Covers 11'5" Overall
  $3,525
  Until Expiration Of Sales Program

Boost beef profits

Renovate pasture in one pass with this Powr-Till™ seeder

- **MODEL 1550** Powr-Till Seeder, 7'w/Carbide Cutting Wheels, Demo
  $8,500

NARROW 235 CENTERFOLD



Narrow transport helps make all of your fields easily accessible

- **MODEL 235** Center Fold Disk, 15'8", 22"x.250 Blades, Wing Fold Cylinders, Furrow Fillers, Covers 16'2" Overall
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  Until Expiration Of Sales Program

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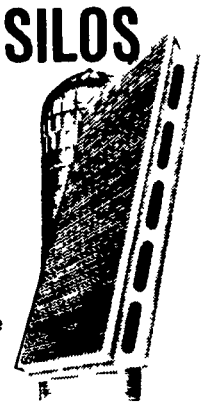

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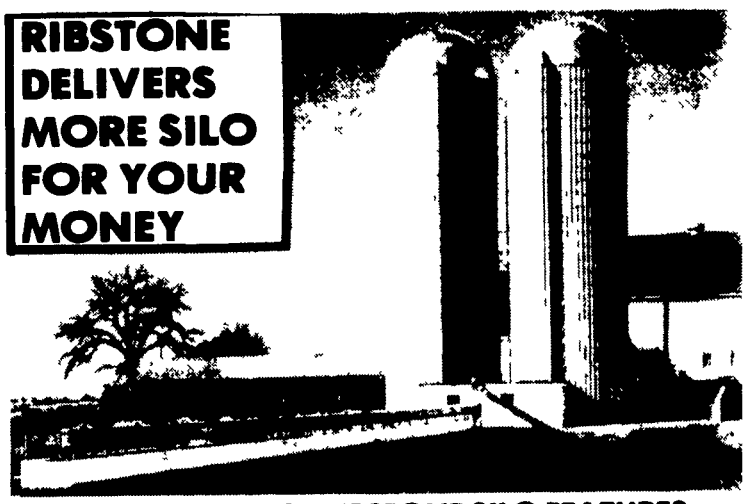

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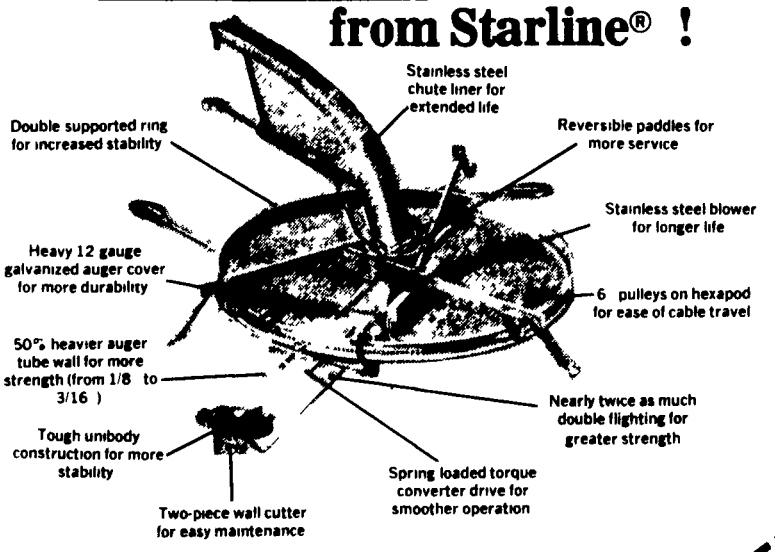
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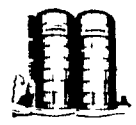

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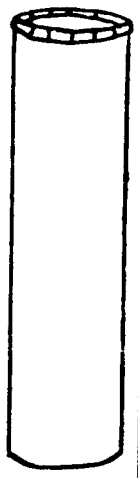

For more information, contact

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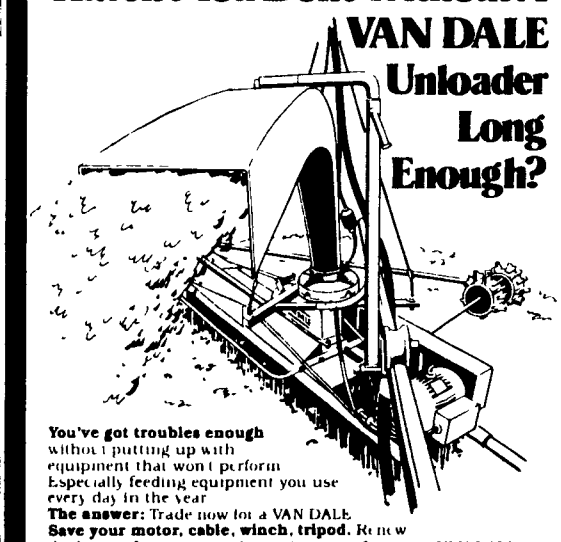

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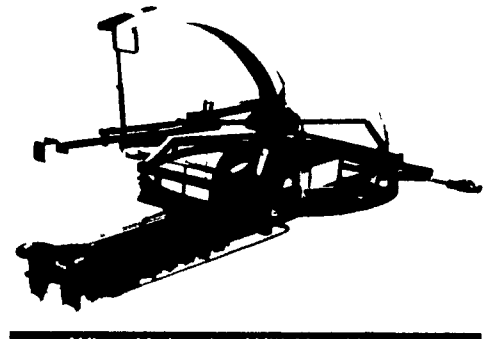

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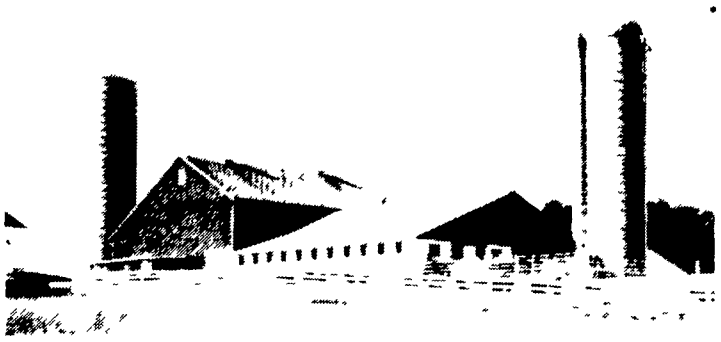
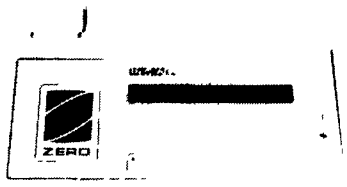


SILO UNLOADERS Silo-Matic FEEDING SYSTEMS



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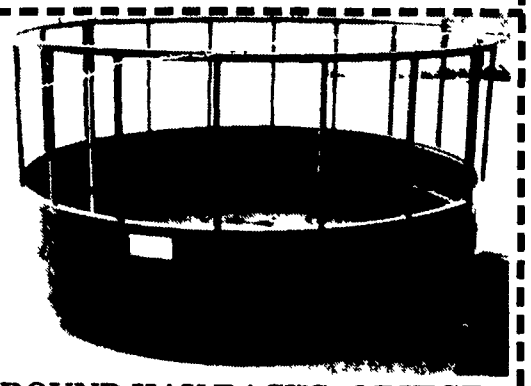

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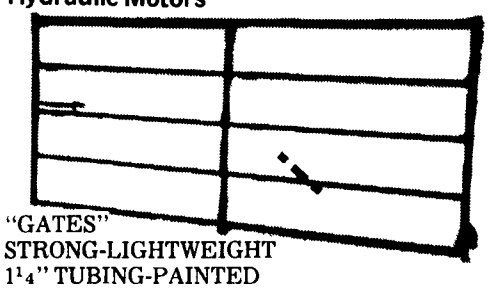

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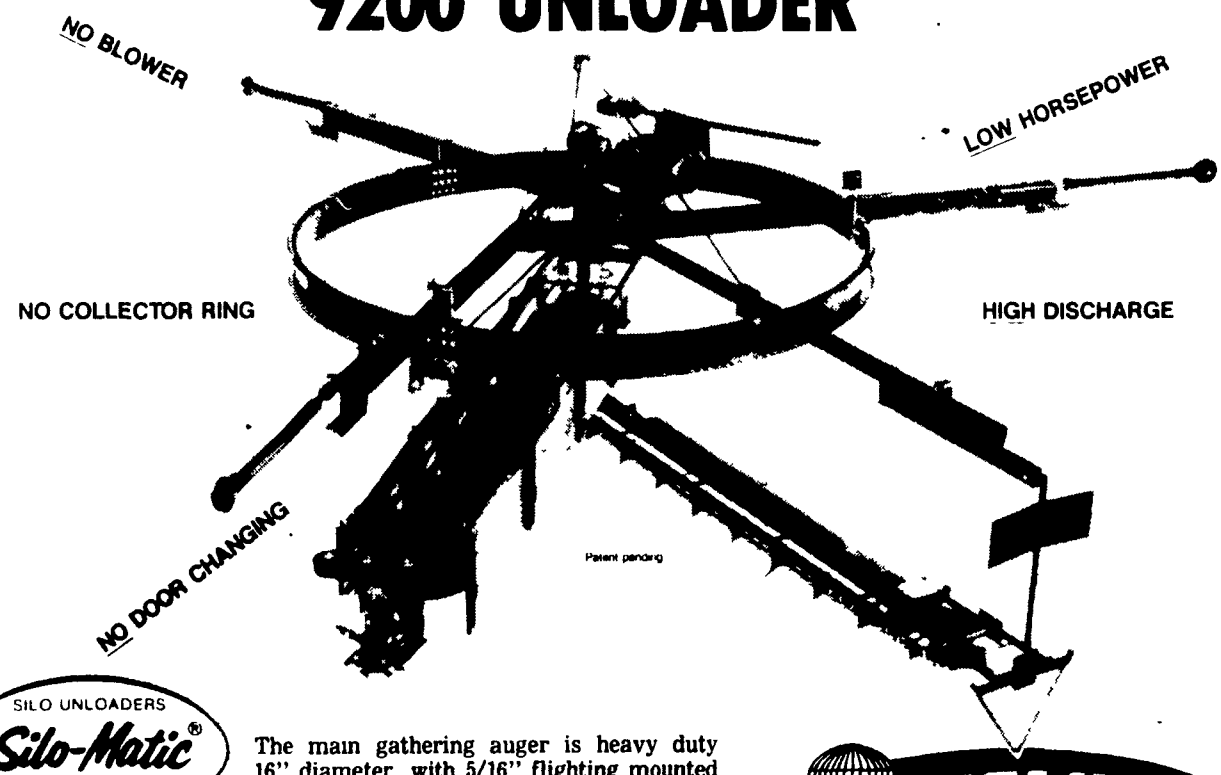

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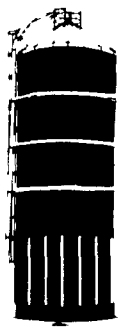

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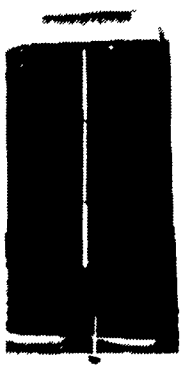

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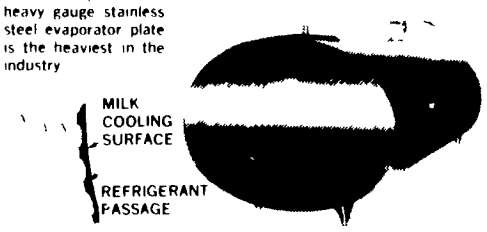

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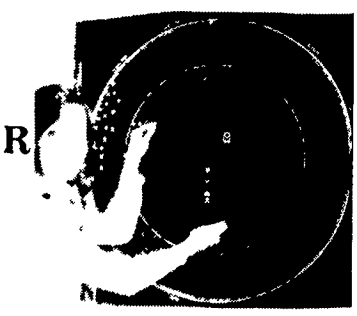

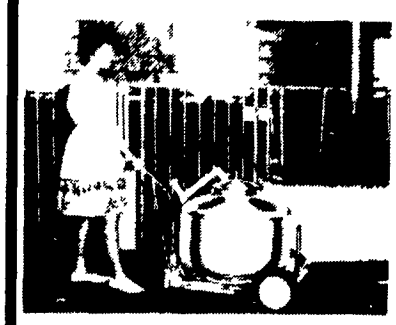

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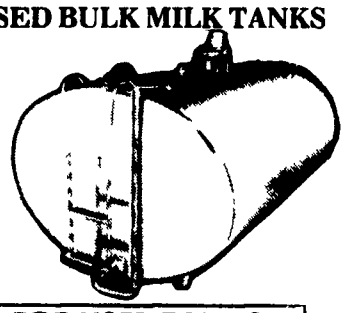

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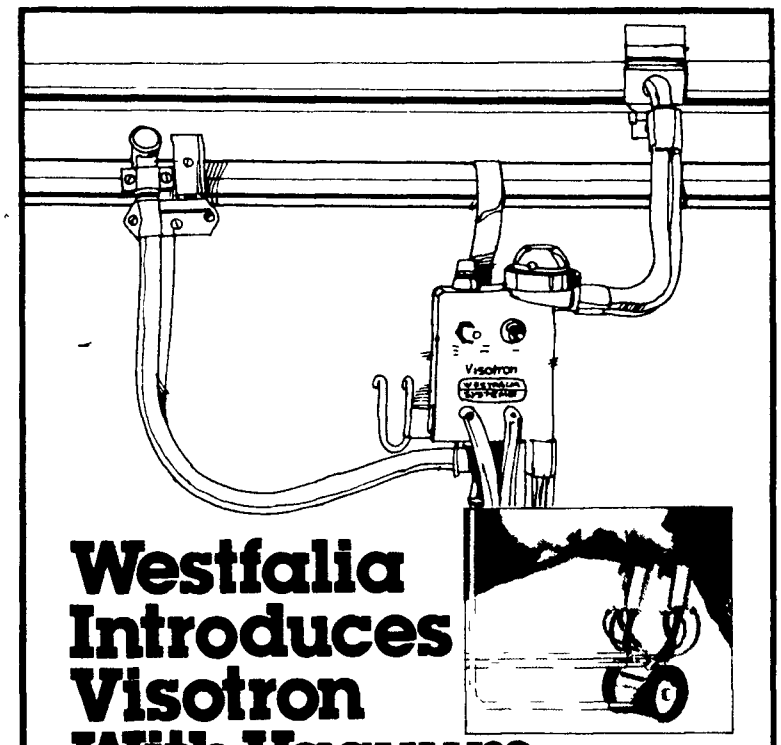

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Bou-Matic 100 CFM
Bou-Matic 125 CFM

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- 545 Gal Sunset
- 600 Gal. Zero
- 600 Gal. Mueller
- 600 Gal Milkkeeper
- 600 Gal. DeLaval (oval)
- Girton 600 Gal. D4
- Girton 800 Gal D2
- 850 Gal Esco
- 1500 Gal. Dari-Kool
- 2450 Gal Girton D5

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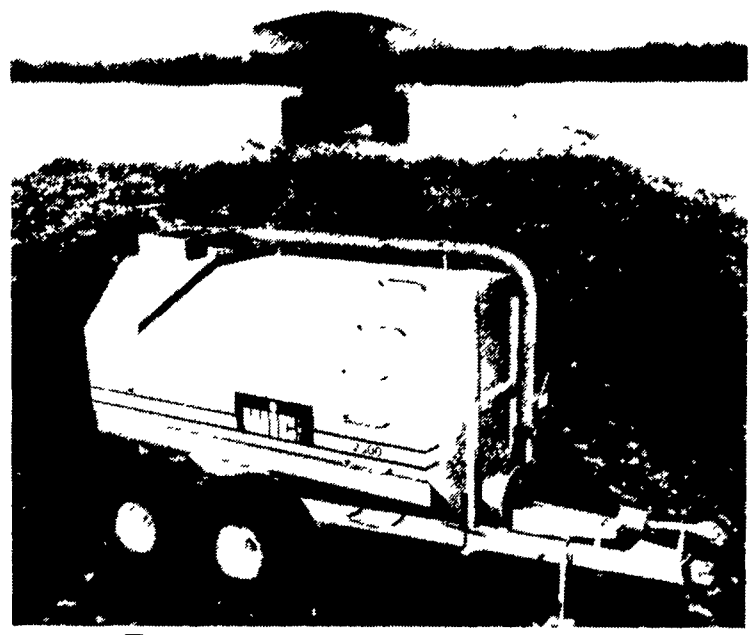

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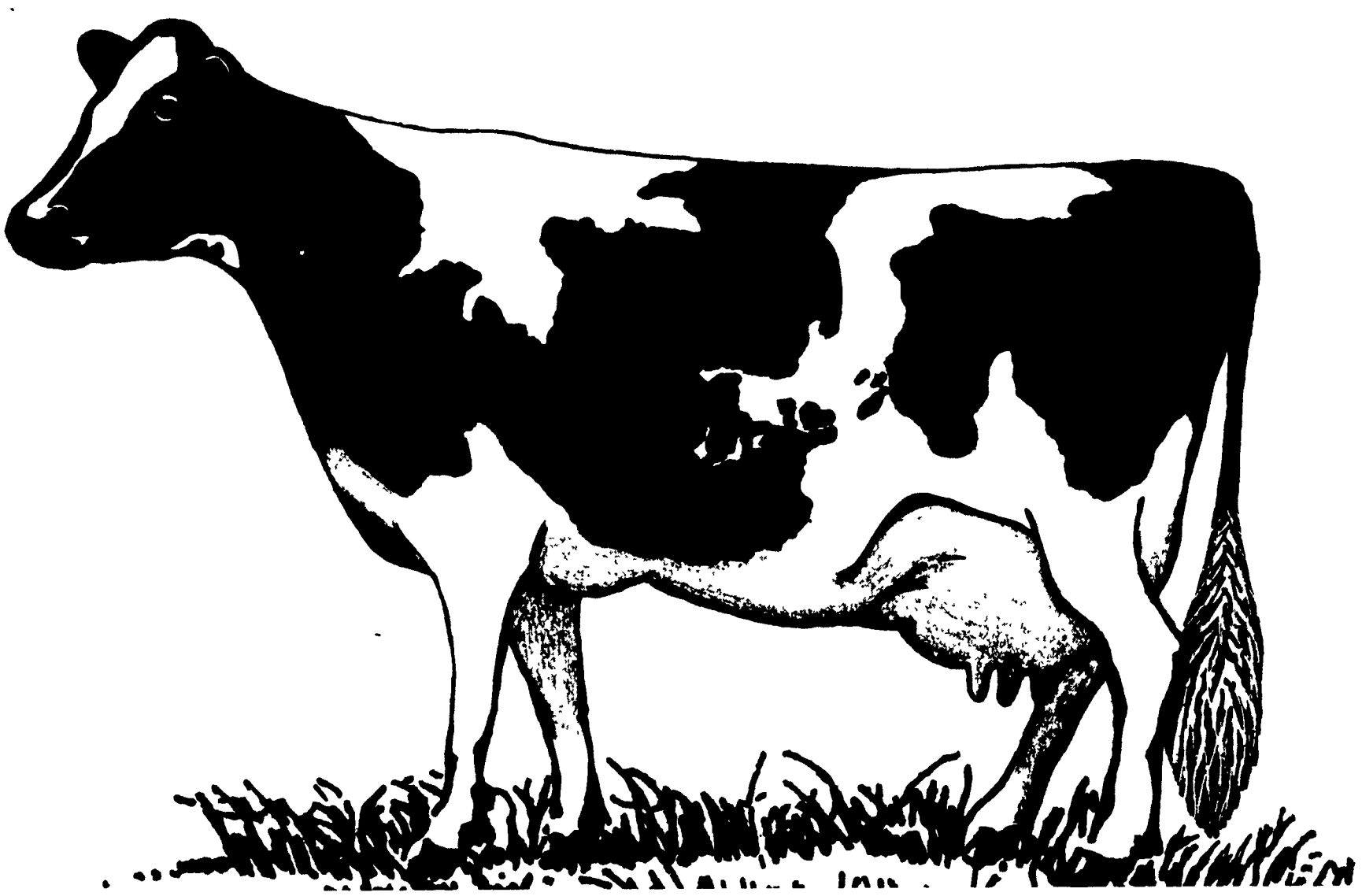

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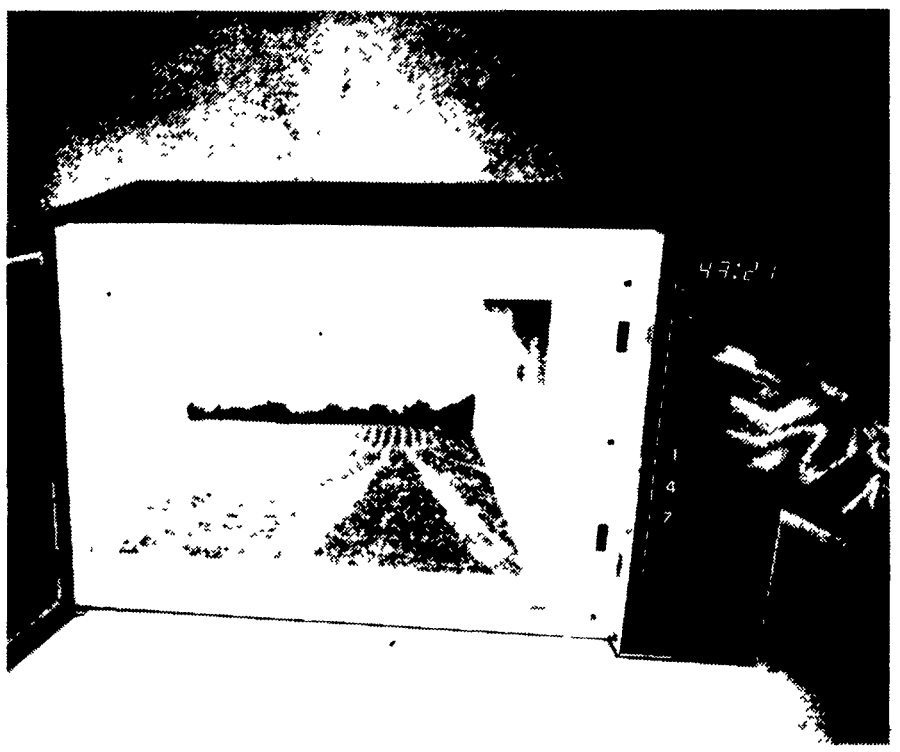

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First in the Northeast

Countrymans employ dynamic new "worker" for stanchion feeding

BY WENDY WEHR

BERLIN — A new worker has taken over the feeding chores in Paul and Dave Countryman's 80-cow stanchion barn.

This worker is on duty around the clock, moving up and down the barn and feeding the cows eight times a day without a reminder.

This worker knows every cow and feeds her exactly according to her production, not an ounce more or less when dropping concentrate in front of her nose.

This worker even makes sure Bossie isn't stealing grain from Bessie, and watches and remembers every cow who's off her feed.

Is this worker the hired man of every farmer's dreams? Well, not exactly. This worker is actually a new computerized feeding system for a stanchion operation.

In place at the Countryman's since February, this Farmtronix computerized stanchion feeder is the first to be installed in the eastern United States.

Paul and Dave Countryman, operators of Landsdown Farm, Somerset County, are already owners of one of the state's leading registered Holstein herds. They decided to add this "new worker" to their management scheme to reap the benefits of feed and labor savings, and, eventually, achieve slight gains in milk or fat production.

A reliable, accurate worker

"The computer feeder doesn't do anything we couldn't do," says Dave Countryman, "it just does it better."

Walk in the Countrymans' clean and airy 80-cow stanchion barn at any time of day or night and you can see what Dave means. A travelling trolley feeder moves up and down each of the two outside feed alleys, pausing in front of each cow, identifying her and letting down part of her designated ration if she begins to eat.

This system replaces the family's former schedule of feeding grain and concentrate to the cows three times a day by hand. Now the computer feeds the two rations eight times a day, spaced evenly over a 24-hour period.

The advantage of feeding the cows more often is also coupled with increased accuracy in dispensing feed and recording exactly how much each cow has eaten.

When the feeder stops in front of a cow, an identifier picks up the frequency emitted by her neck tag. As the computer identifies her, it knows how much she has already eaten during that 24-hour period and how much of each ration she has left in her allotment. Feed is dispensed accordingly.

"She doesn't lose it if she can't eat it," explains Paul about this feature of the system. If a cow doesn't eat, or eats only part of her allocation, the information is retained by the computer, and at the next feeding within that 24-hour period she has a chance to "catch up."

Paul and Dave emphasize that the computer feeds the cow, not the stall. They can take cows out or move them from one stall to another and the feeder still knows when and how much they ate.

The Countrymans' feeder is also programmed with a 90-second lag-time for each cow during the feeding. That is, she's given that time to get up and start eating, or to pause while she's eating, before the feeder moves on.

The cows are "nosey enough," says Paul, that they didn't have too much trouble adjusting to the feeder. "It's kind of amusing to come in the barn and see all the cows laying down except the cows who are eating and the two ahead of the feeder," he laughs.

Equipped with bins to hold the grain and concentrate, the feeder weighs nearly one ton when full. But it moves easily and quietly along the overhead tracks without disturbing the cows.

Even an agitator in the feeder, which makes one revolution every 10 minutes to keep the grain from bridging, hums almost soundlessly. The Countrymans feed high-moisture-ground-ear-corn, which hasn't caused any special dispensing problems.

Feed savings

"We have seen a feed savings in concentrate especially," says Dave about the new computer feeding system. He estimates that they're saving roughly 20 percent on concentrate.

By eliminating the age-old problems of low producers stealing feed from high producers and measuring done by the "scoop-full," feed waste is minimized.

"The cow that's supposed to have it gets it," remarks Dave. And the computer measures the ration carefully, weighing concentrate to one tenth of a pound.

And when you feed twice or three times a day, adds Dave, the feed lies in the trough most of the day and the cows salivate on it and eventually they won't eat it.

"When they get fresh feed from the computer feeder," he says, "they eat more of it, more often."

Herd health reports

While feed savings have shown up almost immediately with the new feeder, production gains can't be documented so quickly. "Our fresh cows are doing well for us," says Dave. "But when a cow's 150 or 200 days into a lactation, you can't do much to change her curve."

"As the cows freshen, I hope to see higher and more consistent peaks," he adds. And he thinks that feeding more often might improve the fat test.

The real increase in production might actually come from improving the Landsdown herd's health and reproductive status, which is another bonus of the computer feeding system.

In each 24-hour period, the feeding computer supplies two reports on how much feed of her allocation each cow has eaten. This herd health or "alarm" report highlights any cow who is 10 percent off feed, that is, consumed less than 90 percent of her allocation.

The "end" of the 24-hour day for the Landsdown herd is at 3 p.m. So before milking, Dave can review the report and then check on cows that are off feed to see if they are sick, in heat, or have some other problem.

"I pick it up a little quicker here," says Dave about spotting potential health problems in the herd. "Before, if the boys cleaned the feed trough out, they sometimes forgot to tell me," he adds.

While one of the Landsdown cows eats part of her allocated rations from the travelling trolley feeder, Dave Countryman inspects a handful of high-moisture-ground-ear corn. He says the computer feeder handles the high-fiber feed well.

Service important

With feed savings, and possible production increases, how long will it take for the computer to pay for itself?

"Ask me a year from now," laughs Dave. Actually, he says, it depends on whether you count only the feed savings or also the labor savings, convenience and other factors.

"I'd like to see us pay for it in two years, but I don't know if we can do it," he says.

Larry Hay, field manager for Farmtronix, says that the computer can pay for itself in three to four years, strictly on feed savings, not milk increase.

Hay gives an average figure of $25,000 to $30,000 for the stanchion feeder, depending on the installation. Or the investment can be figured as cost per cow at $320 per cow, or more for smaller herds.

Hay has worked closely with the Countrymans as they installed the stanchion computer feeders and worked the bugs out of the system. He says he "won't be satisfied until the system works 110 percent for them."

This philosophy is appreciated by the Countrymans. "It's only as good as the service," says Paul about the feeder. "You can't be coming in here every other day and have it not feeding cows. Have it off one day and it will take three days for the cows to come back on production."

But reliability has been no problem with the Countryman's first-of-a-kind system.

In fact, the system has worked so smoothly that Paul and Dave are ready to host a Farmtronix-sponsored open house at their farm. On July 9 interested dairy farmers can visit Landsdown Farm and see the stanchion feeding system in operation.

Landsdown herd

Hay says he worked hard to get the first system installed at an exceptionally good farm, such as the Countrymans have. The addition of the computer feeder at

(Turn to Page D3)

The Countrymans' clean, airy, 80-cow stanchion barn is an excellent setting for the innovative computer feeding system.

At the computer control panel, Dave can set each cow's allocation or call up her daily feed consumption.

Across the fields of Somerset County lies the Countrymans' picturesque Landsdown Farm.

When this cow puts her head down to eat, the identifier on the computer feeder recognizes the frequency of her neck tag and then drops part of her designated allocation into the feeding station.

Countryman's employ new "worker"

(Continued from Page D2)

Landsdown Farm was just "fine-tuning a really good engine," he remarks.

And there's little exaggeration in Hay's compliments. Milking 86 registered Holsteins, the Countrymans are maintaining a rolling herd average of 17,000 pounds milk with a fat test between 4.0 and 4.1 percent.

"We aren't overly high in production," says Paul modestly, "but we are very proud of our longevity."

They've had 20 cows with 100,000 pound lifetime milk records in the herd at one time, and they have three Landsdown cows with over 200,000 pounds lifetime.

One of Paul's favorites is a 4E, 240,000-pound-lifetime herd member, who's now bred to Valiant. The 16-year-old has consistently given between 18,000 and 20,000 pounds every lactation.

"That's not good for our herd average, as such," adds Paul, "but their pedigrees are worth it."

A BAA of 104.5 and three home-bred excellents in the herd is something else for the Countrymans to be proud of.

Paul and Dave have bred seven excellent cows and also have bulls at several different studs. Their Ivanhoe Star Matador was, at one time, the highest dollar value bull in the breed.

In the Landsdown herd are Astronaut, Very, Sexation, Columbus, and Chairman daughters and some older Elevations. Paul says that about one fifth of their income last year was from merchandising.

To show off their breeding stock, the Countrymans built up in 1973 their clean, efficient 80-cow stall barn that's completely insulated and designed with forced ventilation.

A unique feature of the housing is that the building itself — not the pipeline — is built with a slope. And another modification that the Countrymans made in the building design was to expand the 36 foot width to 40 feet.

Now that extra width on those feed alleys allows ample space for the new stanchion computer feeders.

Master Farmers since 1982, Paul and Dave also farm 350 acres. In addition to the time and energy that Paul and Dave put into the operation, Paul and Dave's wives, Marie and Linda, Dave's 16-year-old son, Mike, and a full-time hired man help with the management of the herd.

Oh, and there's that new worker on Landsdown Farm these days, too. Whether human or mechanical, all the workers pull together to maintain that top herd.

Paul Countryman says he's proud of the longevity of the Landsdown herd. This 16-year-old is just one of the herd's outstanding lifetime record-makers.

ADA/DC sponsors summer supermarket promotion

WILLIAMSPORT — During the summer months, the American Dairy Association and the Dairy Council will promote dairy products in Pennsylvania supermarkets using the theme, "Have a Dairy Good Summer."

The promotion will be installed in time for June Dairy Month and will run through July National Ice Cream Month.

This is ADA/DC's largest supermarket promotion to date. Point-of-purchase materials, encouraging shoppers to buy real dairy products, will appear in the dairy case as well as the frozen food section.

Dairy aisle materials will promote products such as milk, cheese, butter, and yogurt, while the frozen food area will encourage the purchase of ice cream.

There is a consumer photo contest included to attract attention to the promotion. Consumers are invited to submit photos of their families enjoying real dairy products.

By sending in the photo along with two proof of purchase seals from real dairy products, they will qualify to win prizes such as a Carribean vacation or a 1986 Renault convertible.

Have A DAIRY GOOD Summer

The contest will be advertised nationally through Family Weekly magazines and a Sunday newspaper insert on June 9. Total circulation for the two ads will be 49 million. Contest entries will also be available at the dairy case.

The National Dairy Board will support the ice cream portion of the program with $4 million in national ice cream advertising. Local programs such as ADA/DC will cover the cost of printing and installing the supermarket materials.

ADA/DC staff members have been working closely with Pennsylvania store chains such as Riverside Markets, IGA Food Marts, ACME Markets, Giant Markets and Affiliated Foods and others. Materials were scheduled for installment in stores beginning May 13, 1985.

"Have a Dairy Good Summer" is one of four retail promotions which ADA/DC sponsors throughout the year. For further information on this or any of ADA/DC's dairy promotion programs, contact ADA/DC's Williamsport office at (717)323-2552 or call tollfree 800-HOT-MILK.

ADA/DC is a dairy farmer funded and directed dairy promotion organization serving Pennsylvania, New York and New Jersey.

New Jersey farm hosts Dairy Open House

To lots of people, June means weddings and graduations, but Somerset County, N.J. farmers know that it's also time for Dairy Open House. The Everett family of Ever-Lea Farm, on Beekman Lane in Hillsboro, will host this event on June 9, 1:00 to 5:00 p.m., rain or shine.

The last open house drew 3,500 people interested in understanding a bit more about how a dairy farm operates.

Watching the cows being milked while they stand on a modern rotating carousel will be one interesting thing to see. There will also be movies and a petting zoo of small farm animals and young calves to interest the kids.

"The profile of Somerset County is changing," says Dave Kyle, president of the Somerset County Board of Agriculture, which is sponsoring the event. "Developments are cropping up along country roads. This is a chance for our new neighbors to see a family farm that's been in business for 75 years."

While visitors sample the free milk and farm-fresh cheese that will be given out, they will be amazed to learn what a high-producing Holstein eats in a day. Such an animal processes 97 lbs. of a mixture that inlcudes corn, alfalfa, brewer's grain, soybean meal, salt and minerals, plus 12 to 15 gallons of water into 75 lbs. of milk every day.

Ever-Lea farm is easily accessible and signs will be posted. From Rt. 206 take Dukes Parkway west and then New Centre Road At Beekman Lane, turn right heading north to the farm

From Rt. 202, turn south on Old York Road, then make a quick right to South Branch Road. Turn left to Studiford Drive going over the river into South Branch. Turn left at River Road and then right at Beekman Lane to the farm.

For additional information contact: Dave Kyle at (201) 369-7445, or Tom Everett at (201) 369-3711, or The Somerset Cooperative Extension Service at (201) 526-6293.

REAL®

Lancaster County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

April, 1985

A registered Holstein cow owned by Nelson H Wenger R #6, Manheim, completed the highest 305 day lactation Vanilla produced 23,180 lbs of milk, 1,081 lbs of butterfat with a 4 7% test Second high lactation was completed by a registered Holstein cow owned by Nelson H Wenger R #6, Manheim Cinder produced 21,563 lbs of milk, 1,070 lbs of butterfat with a 5 0% test in 305 days

First 305 Days Of Lactation With 720 Or More Lbs. Of Butterfat

Owner Name or No.	Brd.	Age	Days In Milk	Lbs. Milk	Lbs. Fat
Nelson H Wenger					
Vanilla	RH	5 3	305	23,180	1081
Cinder	RH	4 5	305	21,563	1070
Erika	RH	3 6	305	20,987	853
Lori	RH	4 7	305	22,100	845
Fancy	RH	6 4	305	17 646	757
Henry S Lapp					
64	RH	5 11	305	25,478	996
Omar Smoker					
Starry 2	RH	5-11	305	21 514	970
Paul H Martin					
Glenda	RH	3 4	305	23,060	948
Calvin D Beiler					
Mima	RH	8 2	305	21 545	936
Walter M Hurst					
41	GrH	5 4	305	21,093	932
93	GrH	3-0	305	19,340	772
John W Zimmerman					
Cowie 8	RH	5 3	305	26,522	928
Copy 28	RH	4 0	305	20,027	738
Darryl Bollinger					
Audrey	RH	7 11	305	28 391	910
Joseph C Wivell					
Daffy	RH	8-5	305	21,556	910
Farah	RH	3-3	305	22,780	789
J Robert Kindig					
Tamara	RH	4 5	305	22 445	902
Pix	RH	3 9	305	21 496	818
Dorla	RH	3-5	305	20,205	788
Lei	RH	2 5	305	20,035	777
Marbro Farm					
Kit-Kat	RH	5-8	305	25,268	898
Cathy	GrH	3-4	293	19,790	749
Kate	RH	2-11	273	17 418	724
Krieder's & Nickle					
20	RH	3 4	305	21,305	896
208	GrH	4 4	305	22,685	884
203	GrH	4 2	291	19,264	725
D Lamar Witmer					
Jeno	RH	7 2	305	26 365	894
Elam Petersheim					
Audry 25	RH	7 3	305	25,309	894
Happy 33	RH	2 4	305	16,443	723
Kerry & Deborah Boyd					
Amy	RH	5 2	305	28,036	893
J Mowery Frey Jr					
Myra 2	RH	2 6	305	22,561	889
Helen	RH	5 8	305	22 798	797
Holly	RH	5 11	305	21,748	792
Prize	RH	6 5	305	20,228	738
Curtis E Akers					
Jackie	RH	8 9	305	21,869	888
Wilmer G Kraybill					
Bonita	RH	5 8	305	20 038	885
Patience	RH	6 9	305	19 799	763
Christian Zook					
Adafern	RH	3 2	305	25,565	881
Ira D Welk & Sons					
Sevena	RH	6 6	305	20,340	879
Hiram S Aungst					
Hoho	RH	6 8	305	18,567	877
Henry U Stoltzfus Jr					
Bess	RH	3 4	305	24,461	875
Betsy	RH	3 5	305	22,416	869
Polyann	RH	5 9	291	21,998	764
Stacy	RH	2 4	305	17,428	728
Glenn E Burkholder					
Dawn	RH	5 7	305	23,179	873
Trisha	GrH	4-8	305	24,807	847
Bubbles	RH	7 5	305	21,801	784
Kenneth E Zurin					
340 Trum	RH	5 1	305	22,353	871
18	RH	3 11	305	21,132	826
109	RH	3 10	305	29 363	824
393	GrH	4 1	305	22 149	768
Daniel W Fox					
Bell	GrH	5 7	305	21 854	871
Shellenberger Bros					
Froli 17	RH	4 3	305	22 037	866
Missy 39	RH	6 7	305	20 188	855
Janee 9	RH	6 8	305	22 793	733
Earl E Martin					
Snowball	RH	7 3	305	20,911	864
Romana	RH	5 2	305	17 647	809
Earl N Landis					
Adell	RH	5 8	305	23 375	860
Ken & Nelson Stoner					
81 Che	RH	8 8	305	23,304	856
137	RH	3 6	292	15,988	804
134	RH	2 6	305	19,121	740
Glenn R Bushong					
Donna	GrH	4 3	305	22,137	853
Benuel F Stoltzfus					
White	GrH	5 3	305	19 074	852
Willis M Martin					
Venus	GrH	4 6	305	18 502	852
J Wilmer Conrad					
Charm	RH	9 6	305	22 603	851
Benuel Z Lapp					
Maple	RH	7 1	305	22 695	848
Cora	RH	2 8	305	24,177	809
Abram M Stoltzfus					
Edna	RH	8 1	305	22 975	847
Jacob M Conley					
Prudence	RH	7-4	305	20,378	845
Jonas O Sensenig					
32	GrH	7 4	305	21,875	838
Aaron E Stoltzfus					
Daisy	GrH	6-5	305	21,017	836
Esther	GrH	5 2	305	19,642	757
Lester J Wiker					
Lucy	GrH	4 3	305	20,011	836
Vernon R Umble & Son					
Lee	RH	4 0	305	23,068	834
Maid	RH	7 1	305	19,736	800
Beverly	RH	6 7	305	20,350	774
Mary	RH	5 0	291	19 649	722
De Creekside Farm					
Clara	RH	5 4	305	18 906	833
Walter C Pownall					
157	GrH	5 11	305	20,766	831
161	GrH	5 8	305	20,447	787
Raymond M Weaver					
15	RH	4 4	305	19 386	828
Paul S Horning					
Lucky	RH	9 6	305	21,572	825
Wanda	RH	3 7	305	23 593	805
Jenny	GrH	5 2	305	22 187	727
Robert Kauffman Jr					
Lizette	RH	3-5	305	21,273	825
Fran	RH	6 9	305	18,767	803
Jem	RH	6 11	305	21,271	800
Bessie	RH	5 0	305	19,777	791
Joanne	RH	3 10	305	19,786	739
James L High					
May	RH	8 6	305	24,415	823
John U Glick					
Glow	RH	3 6	305	23,355	823
Marvin R Sauder					
Penny	RH	4 4	305	23,295	822
Joseph W Best & Sons					
112	GrH	4 3	293	18,838	821
60	GrH	5 11	305	18,309	754
101	GrH	9-10	305	18,611	748
Galen W Crouse					
Adelin	RH	2 4	305	20,196	819
Barb	RH	2 4	305	16,457	757
Mila	RH	2 3	305	17,945	734
Weaver Homestead Farm					
82	GrH	2 3	305	20,475	817
73	GrH	4 2	305	21,577	783
39	RH	2 1	305	19,125	769
6	GrH	2 5	305	15,519	740
Glenn F Shenk					
Wanda	RH	3 7	305	20 082	816
Robert H Rohrer & Sons					
141	RH	3 3	305	19 926	815
51	GrH	3 5	305	19,354	806
270	GrH	3-6	305	16 970	785
Lester M Weaver #1					
273	RH	7 6	305	21,467	813
62C	GrH	6 22	305	22 760	769
Albert H Mellinger					
Donna 3	RH	6 10	305	19 146	811
Mark L Musser					
41	GrH	4 10	305	22 538	807
Jonas B Stoltzfus					
Queen	GrH	5 5	305	18 935	807
John M Harnish					
Lou	RH	4-4	305	22 544	806
Terri	RH	8 6	305	25 630	800
Flavia	RH	3 11	305	19 149	753
J S Smucker & Sons Farm #2					
398	RH	5-11	305	21 036	806
James & Paul Hursh					
79	GrH	3 7	305	23 851	804
32	GrH	3 7	305	17 833	736
58	GrH	7 7	305	15 803	731
Bart Dell Farm					
Anna 17	RH	8 3	301	22,230	804
George M Hurst					
341	GrH		305	21 824	801

(Turn to Page D6)

June is dairy month

JUNE DAIRY MONTH SPECIAL ON VENTILATION FANS

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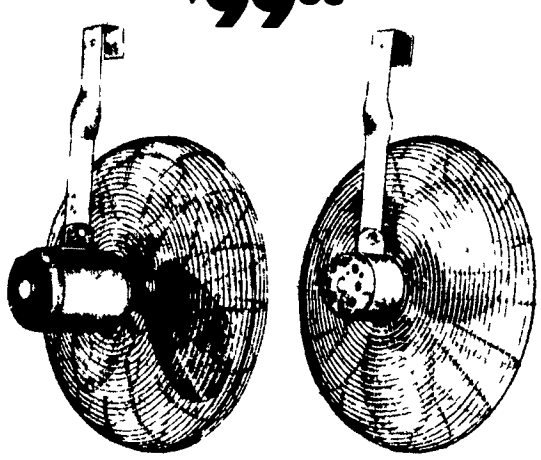

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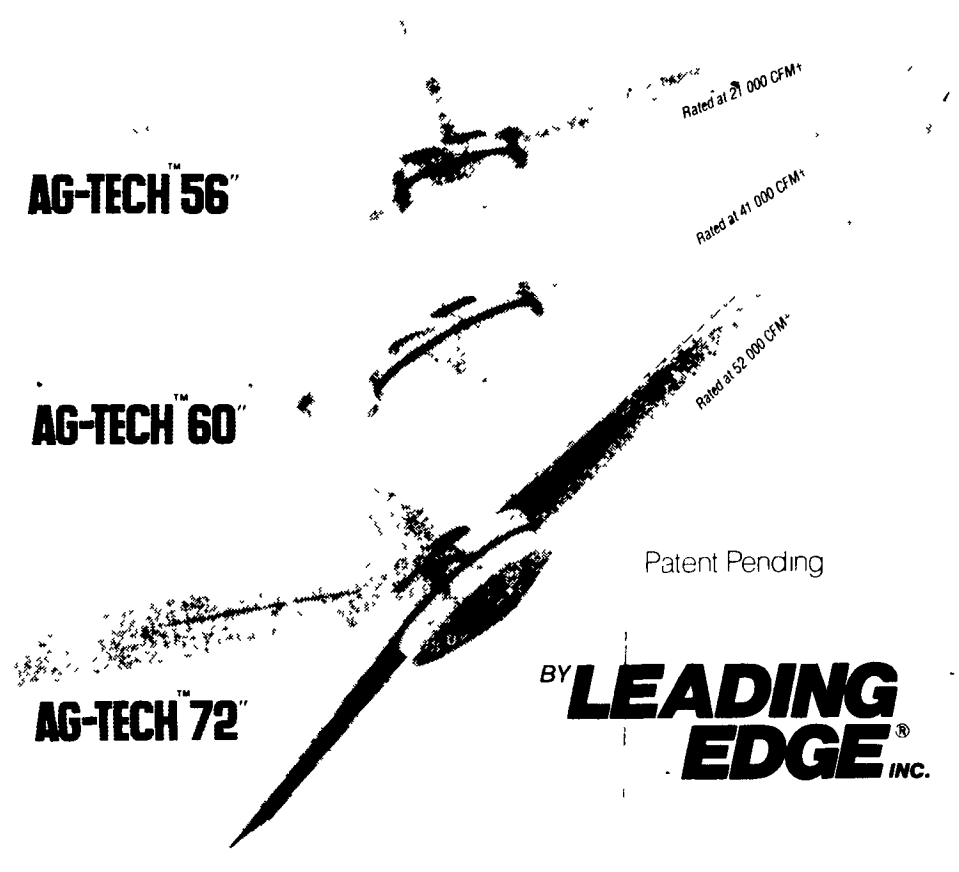

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* GIVE-AWAYS

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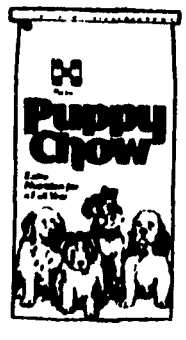

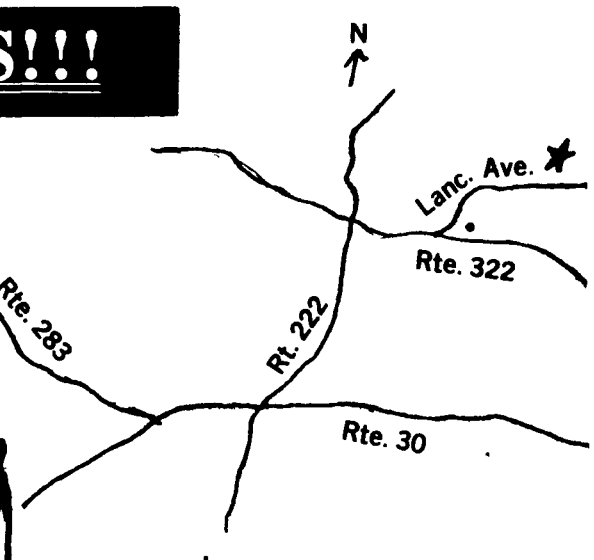

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and
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Lancaster Co. DHIA

(Continued from Page D4)

Loren L Zimmerman					
Queen	RH	3 7	305	20 199	801
Pamela	RH	8 2	305	21 662	743
Spring Belle Farm					
Mindy	RH	5 2	305	21 074	799
Princess	RH	5 1	305	22 604	778
Twirl	RH	3 2	305	21 605	725
Alvin M Martin					
77	GrH	3 4	305	19 546	798
Candy	RH	3 5	305	20 129	724
Floyd Kreider & Son					
94	RH	3 3	305	22,866	796
Dale Weiler					
Dinah	RH	5 4	295	19 538	796
Tootsie	GrH	4 7	305	18 143	722
Buchen Farms					
500	GrH	7 6	305	18 531	795
618	GrH	4 10	305	16 112	764
Robert M Rohrer					
Pat	GrH	5 7	305	16 994	793
Christian G Becker					
245	GrH	3 8	305	20,585	791
197	GrH	7 1	305	17 859	770
Daniel S Glick Jr					
Cinder	GrH	4 11	305	18 882	791
Lee Nome Farm					
Fay	RH	5 0	305	22 327	789
Kenneth D Myer					
Big Mac	RH	7 8	305	19 518	789
Sol S Stoltzfus					
Rachel	GrH	4 4	305	23 145	788
David W Hunt					
Jamie	RH	5 4	305	20 788	788
Paul S Sauder					
Astro 4	RH	5 7	305	18 252	787
Dale & Steve Hershey					
Tricia	RH	5 6	305	22 181	786
Earl S Weaver					
Royal	RH	4 6	305	20 062	785
Norman H Nolt					
Ann 122	RH	5 9	278	19 343	785
Paul V Nissley					
Magic	GrH	5 6	305	18 245	785
David D Zimmerman					
Patricia	RH	5 9	305	18,223	785
B Barbie	GrH	4 5	305	20 711	761
Robert L Shelly					
Patches	RH	3 6	305	22,025	783
Noah Kreider & Sons					
371	GrH	5 8	305	17 894	783
652	GrH	3 1	305	17 928	743
293	GrH	4 6	297	21 229	742
264	GrH	3 2	305	20,486	736
533	GrH	4 7	305	23,214	726
Edgefield Farms					
Verna	RH	6 5	305	22,472	782
Maybell	RH	8 4	298	22,667	734
Faye 51	RH	3 3	305	19,755	733
Jim Shirley Hershey					
Delores	RH	7 9	305	22,016	781
Queen 42	RH	6 8	305	18,673	762
Dal Car Farm					
55 254	GrH	4 4	305	20 917	781
48 205	GrH	5 9	297	16 752	761
C Nevin Hershey					
Fawn	RH	3 2	305	19 820	779
Lloyd B Sensenig					
Pearl	RH	6 10	305	19 459	779
E R & R E Denlinger					
Alicia	RH	3 9	305	20 188	778
S & A Kreider & Sons					
146	RH	5 0	305	19 645	778
Tom & John Harnish					
Sandy	RH	5 11	305	24 463	777
Allen Lee Stoltzfus					
Dew	RH	6 10	305	21 060	777
Ronald H Leaman					
Echo	GrH	4 0	305	15 504	77/
H Landis Weaver					
Clover	RH	9 5	305	23 323	774
Harry Zimmerman Jr					
Mindy	GrH	4 3	305	21 801	773
Norman L Hershey					
Hope 12	RH	2 10	305	21 122	773
Jonas B King					
Emma	RH	5 7	305	20 417	773
Britain Acres Farm					
26	RH	3 5	305	19 283	773
197	RH	4 7	305	18 966	721
John K Peters					
Maggie	RH	5 9	305	23 365	772
Richard N Sauder					
Pauline	RH	6 5	261	17 615	770
Janet	RH	9 5	305	19 915	767
Linda	RH	6 7	305	20 348	726
Dale R Metz					
32	RH	3 10	305	18 718	769
24	GrH	4 9	305	19 442	766
Ephraim D Riehl Jr					
Gertie	RH	5 3	300	22 123	767
Katie	RH	6 8	305	16,697	767
Ira Hiestand & Sons					
Oldunko	GrH	8 6	305	17 775	762
K D & Else Linde					
Quineta	RG	1 11	305	18 065	761
Alison	RG	6 2	305	14 787	756
Ivan Z Martin Bx 238					
Salome	RH	3 10	305	17 428	761
Skokie	RH	7 7	305	17,739	727
Alice	RH	5 5	305	18,761	723
LeRoy R Martin					
123	RH	3 7	305	18 192	759
James & Nancy Zuck					
4	GrH	7 8	305	17 912	758
Running Springs Farm					
Paula	RH	4 1	305	21 632	757
Amos M Stoltzfus					
Lucy	RH	5 9	305	20 780	757
P Robert Wenger					
Hope	RH	4 7	305	20,292	757
Philip B Beiler					
Flavor	RH	7 8	305	20 801	756
Samuel E Beiler					
Dream	RH	5 7	305	20 470	754
John Z Beiler					
Vicki 34	RH	3 11	305	21 175	753
Emily 16	RH	1 10	305	15 986	730
Priscilla	RH	5 3	287	19 150	728
Daniel M King					
Mayme	RH	2 11	305	18 577	753
Susie	RH	2 8	305	19 537	728
Raymond H Good					
12	GrH	3 6	305	21 268	752
Clair M Hollinger					
89	RH	8 1	305	18 241	752
Amos B Lantz					
Dixie	RH	4 0	305	23 711	751
Kreider Dairy Farms					
819	GrH	6 2	305	23 249	751
42	GrH	7 11	305	17 030	728
Raymond W Horning					
Daisy	GrH	2 7	305	22 535	751
Wilmer R Martin					
Rita	RH	7 6	305	20 984	751
Craig R Mlaker					
Dessie	RH	3 11	305	18 990	749

(Turn to Page D7)

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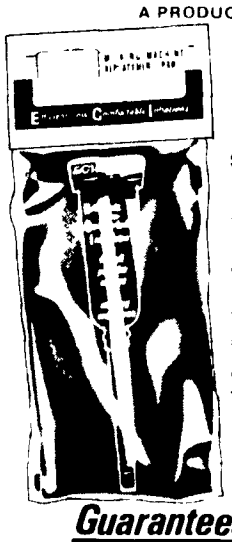

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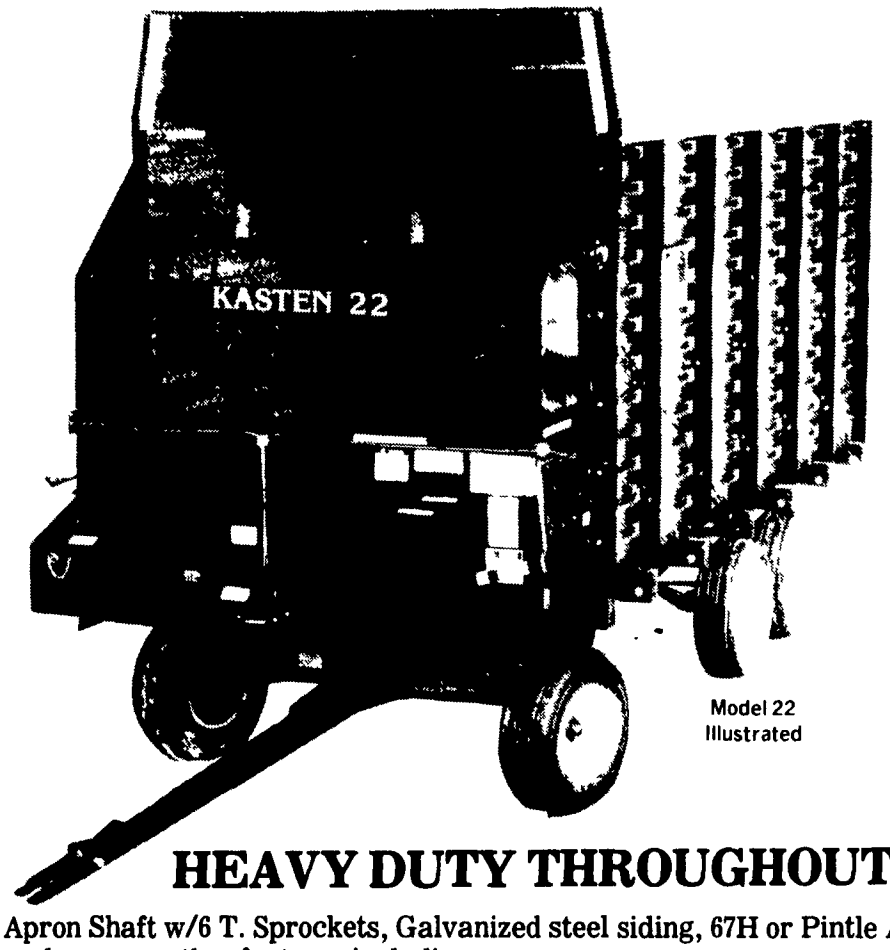

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Lancaster Co. DHIA

(Continued from Page D6)

Filly	RH	4 9	305	19 515	727
Rosegale Farm					
Bess	GrH	5 8	305	18 676	748
Elmer M High					
39	RH	4 1	305	20 181	747
John P Lapp					
Bev	RH	5 4	305	19 832	746
Trina	RH	2 4	305	17,600	732
Mahlon E King					
Butter	GrH	5 5	305	19 799	746
Walnut Run Farm					
320	GrH	4 7	305	19 367	746
Parke H Ranck					
Amy	RH	6 7	305	18 477	746
Edwain M Martin					
54	RH	3 4	305	18 445	746
Nathan E Stoltzfus					
Ponder	RH	3 1	305	19 755	742
J S Dienner Sons					
Jan	RH	3 5	305	19 398	742
Ashevale Farm					
Lorreta	GrH	7 7	305	21 468	741
Garwood Farm					
Lady	RH	3 10	305	21 461	740
Rachel	RH	3 7	305	20 239	721
Ivan S Stoltzfus					
Bev	RH	4 8	305	21 884	738
Paul M Martin					
G 14	GrH	3-6	305	20 678	738
Roman L Stoltzfoos					
19	GrH	3 6	305	24 338	735
Meadow Vista Farm					
Elaine	RH	2 11	305	20,432	735
Beverly	GrH	1 11	305	16 943	725
Roy H & Ruth H Book					
Geridne	RH	4 4	305	20 715	734
J Clayton Charles					
Lenny	RH	4 6	305	21 156	733
James & Ken Miller					
Jean 9	RH	7 7	305	18,627	732
Daniel M Stoltzfus					
Amanda	RH	3 7	305	23 259	731
Landis Garman					
Elly	RH	6 7	305	19 772	731
George B Martin					
57	GrH	5 10	294	19 796	730
59	GrH	6 0	305	21 052	722
Homer G Hess					
Donna	GrH	6 3	305	19 702	730
Richard & Fay Fox					
Molly	RH	7 2	280	19,595	729
Kenneth L Beiler					
Janie	RH	3 7	305	18 604	729
Log House Farm					
Whitey	GrH	5 7	305	21 055	727
Titus B Stoner					
Dalmati	RH	4 3	305	20 902	726
David L Landis					
210	RH	3 5	305	15 218	726
Ellis D Kreider					
191	GrH	4 4	304	14 948	726
LeRoy M Stoltzfus					
Erma	RH	3 2	305	20 596	725
John Omar Stoltzfus					
Dawfin	RH	5 2	305	17 941	725
Christian & Katie King					
3	RH	4 9	305	22 899	724
Alelpa Farms					
Galie	GrH	10 2	305	19 459	724
H Fisher & A Allgyer					
Dawn	RH	6 4	300	17 814	722
Clair M Bowman					
66	GrH	4 9	305	18 587	721
Masonic Homes Farms					
41	RA	9 7	305	17 174	720

BRADFORD COUNTY DHIA
April, 1985

This reports all DHIA cows that have produced 750 lbs of butterfat or more in 305 days

Y Run Dairy Farms				
Lovely	3 3	294	18,872	796
Mistres	3 2	305	19,572	774
Bruse-Leslie Bresee				
Howie	3-3	305	17,948	773
Dale Mattocks				
Sharla	3 6	305	20 986	776
Russell L Jones				
Astrid	3-5	305	17,660	846
Shumhurst Farm				
Perish	3 5	305	21 668	853
Glen & Arlen Landis				
Aaggie	3 6	305	22 098	859
Stan & Steve Saxton				
Tanya	3-9	305	22,264	925
Christy	3 7	305	21 786	811
Posie	3-6	305	21,792	834
Ben & Dean Jackson				
Hesper	3-5	305	22,533	881
David Berry				
D 19	3-4	305	21,269	847
Keith & Karen Crain				
Phyllis	3-7	305	19,842	919
Edith	3-4	305	16,829	750
Pearl	3-3	305	18,895	802
Robt Anna Marie Cole				
Sadie	3-7	295	16,552	796
Donald E Harkness				
Dream	3 4	305	20,142	793
Richard H Packard				
Beth	3-6	305	19,847	829
Fivebrooks Farm				
Lara	3 4	305	22,523	794
East Knoll Farm				
Charm	3-7	305	24,048	905
Pinetop Farm				
Beatric	3 7	305	22 114	757
Merle Watson				
Lorna	3 3	305	19 143	777
William Eick				
Cathrin	4 6	305	14 630	753
Alfred Sparling				
Sara	3 6	305	20 819	832
Della	3 4	305	25 517	866
Braund Valley Farms				
Jara	3 8	305	20 751	871
Vernalder Farm				
Dandy	3 4	305	18 656	767
Arthur D Wolf				
33	3 8	305	22 690	889
Ray & Larry Rowe				
78	3 7	305	19 893	848
Earl J Gamble				
Joann	3 7	305	19 795	758
Snowcrest Farm				
Trumpet	3 2	305	22 797	876
Lewis & Lois Alderson				
Jumpy	3 5	305	22 901	868
W & R Vanblarcom				
65	3 5	305	20 157	836
Elsbree Brothers				
212	3 8	305	23 836	1043
Peck Hill Farms				
61	3 3	305	18 044	773
Calkins Farm				
Jflora	3 6	305	18,907	784
Millie	3 6	305	19 382	800
Marshall M Watkins				
Jetstre	3 4	301	17,954	876
Scott & Lynn Cook				
Marcia	3 6	305	21,104	780
Dent Hawthorne				
9	3 0	363	19 982	794
Lawrence A Swartley				
22	3 4	305	18,649	767
Pat & Pam Salerno				
Amy	3 4	305	19 614	772
Clair & Pat Thrush				
Theresa	3 4	305	21 562	801
Century Valley Farm				
11	3 4	305	17,340	837
Matt Will R&W				
Peggy	9-9	305	24,575	958
Opal	9 8	305	25,037	1004
Star	9-6	305	28,566	1017
W T R Brown				
24	3 7	268	18 968	753
29	3 5	305	21,142	871
Tom-Elaine Comstock				
Hedy	3 6	305	21,067	982
Calvin & Rick Shaffer				
24	3-6	305	18,313	762
Parks Knoll Farms				
135	3 5	305	21,304	879
Merle & Leslie Wanck				
April	3-4	305	21,218	755
R Brown & R Ely				
Jan	3 7	285	15 775	768

JUNE IS DAIRY MONTH, BUT FOR GOOD HEALTH ALL YEAR, DRINK MILK

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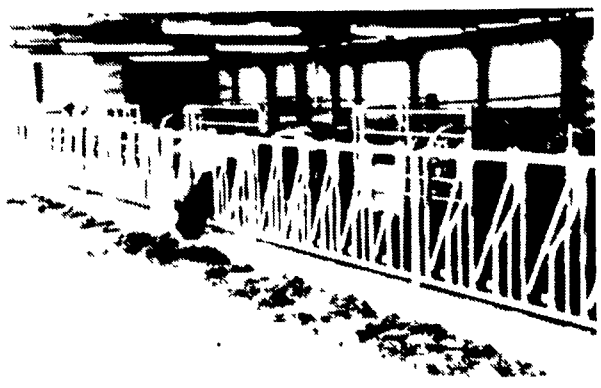

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	Atlee Rebert, Littlestown, 717-359-5863

Dairy Pipeline

By
Glenn A. Shirk
Extension
Dairy
Agent

On Sound Footing

Good feet and legs are the foundation of the cows that make up your dairy herd – your dairy business. If their feet and legs are weak, or throbbing with pain, they won't eat well; production and conception will drop, and it may become necessary to cull these cows from the herd prematurely. That's costly!

Foot problems can arise from: poor genetics, improper feeding, or from infections and injuries that result from an undesirable environment, or from inadequate management. Some leg problems develop because of foot problems, which force cows to shift their weight and walk improperly. Some of these problems, if left unattended, can affect the cow's joints, or her entire body.

There are several things you can do to prevent or correct these problems, or to give cows some relief from them. Hoof trimming is one.

Hoof Trimming Meeting

Periodic trimming – perhaps twice a year – should be a regular practice on most dairy farms. It helps dairymen spot problems early so they can perform necessary action before problems become too severe; it can add years to cow's life. In addition to these routine trimmings, additional trimming may be necessary for some problem cows.

Two barn meetings have been scheduled for Thursday, June 20 to demonstrate and discuss hoff trimming. There will be a slight charge, and reservations will be accepted on a first-come basis (call 717-394-6851).

Times and places are: 1:00 p.m. at Ken and Jere Skiles', Narvon; 7:30 p.m. at Dale Herr's Kirkwood.

James Shaw, Oley, will demonstrate "Preventive and Corrective Trimming." "An Explanation of Foot Problems" will be presented by Dr. Richard Bartholomew, New Bolton Center, Kennett Square.

Foot Baths

The use of foot baths can accomplish several things. It can help prevent and control the spread of foot infections. Depending on the materials used, it can either help to harden or soften cows' hoofs.

Organisms causing hoof infections generally thrive in warm, moist, filthy conditions. Thus, it is advantageous to fill in mud holes, fence off wet areas, and to keep pens and alleys as clean and dry as possible. This will also help to reduce coliform mastitis.

In addition to harboring infectious organisms, these wet conditions can also lead to soft feet. It is also believed (I'm not sure it's been proven, though) that continual exposure of hoofs to urine and manure may help deteriorate hoof tissue. Feed exposed to such conditions are more prone to injury, thus opening up the way to infections.

To help harden cows' hoofs and to help fight infections, walk cows through a foot bath twice daily. Use a 2.5% copper sulfate solution. To achieve this, mix about 1 lb. of copper sulfate in 4 gallons of water. A 6% formalin solution (8 ounces per gallon of water) can also be used.

If you use the bath only once or twice a week, the solution strength can be increased about two fold. However, if the solution is too strong and you use the stronger concentration too frequently, the hairs at the hoof line may tend to stand on end, and cows may start to limp.

If you prefer a dry preparation, mix 1 part of copper sulfate to 9 parts of hydrated lime. To prevent the mix from becoming "muddy" and sticky, cows' hoofs should be dry before walking through the mix.

Foot baths should be placed in return alleys or at exits from the barn. Actual design will be dictated by existing facilities. It should be long enough and wide enough to prevent cows from leaping over it or walking around it. The solution should be 4-6 inches deep. Therefore, the "box" needs to be 8-10 inches deep.

Also consider how you are going to change the mix or clean out the box. You might consider such things as portable baths (some portable fiberglass baths are now available on the market), removable boards that slip in and out of grooves, or sloped ends which permit dirt to be squirted out with water under pressure. Also remember that you do not want the bath to become a dirt-collecting hole when it is not in use.

To remain effective, the bath solution must be kept clean and it must not become diluted; protect it from precipitation and form other sources of water.

If there is a problem of cows dragging in dirt from a muddy lot, consider the following alternatives: 1) Have cows enter through one door and exit through another, where the bath is located; 2) Use a portable bath. Pull it aside as cows enter, and put it back in place before they exit; 3) Create a water bath for washing cows' feet prior to entering the foot bath.

Dry and Hard Feet

Don't expect foot baths to accomplish everything. In addition to using a footbath, trim cows' feet and treat foot problems as necessary, pick up debris around cow lots, cover up or remove sharp stones, and create a healthy environment for cows' hoofs. In other words, provide cows an opportunity to get away from wet areas for 10-14 hours per day so their feet can dry out occasionally.

This can be accomplished in several ways: 1) Give cows access to clean, dry pastures; 2) Create a wide, elevated pad for cows to stand on as they feed at the bunk – similar to the Virginia barn concept; 3) Provide cows with clean, dry, comfortable stalls. Good ventilation and the use of fans can help entice cows into the stalls. This will also give cows some reprieve from the stress of being on concrete.

So farm, we've been concentrating on soft feet. What about hard, cracked feet? This can occur when cows are confined to clean dry stalls.

Turn these cows out onto dew-ladened pastures. However, be careful with dew-ladened legumes as they can cause cows to bloat. Let cows walk through moist clay, perhaps in a foot bath. To prevent slippage on the clay, place small slats in the bottom of the foot bath. Walking cows through clean water may also help, but be sure to keep the water clean.

In certain cases, you may want to apply a hoof ointment to the coronary band at the top of the hoof.

Feeding and Management

Many foot problems are directly related to feeding and management practices.

Foremost among these would be the problem of laminitis or founder. It's a problem that affected cows will have for life. It can be cause by: inadequate fiber, too much grain, too much protein – especially on a high grain ration, sudden changes in the ration – especially to rations with high amounts of easily fermentable carbohydrates such as corn, fevers, and infections such as mastitis. So, proper feeding technique and balanced rations are essential.

There are many kinds of foot problems – too many to discuss here. Be sure to discuss your herd's foot problems with your veterinarian.

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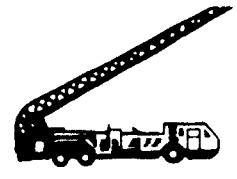

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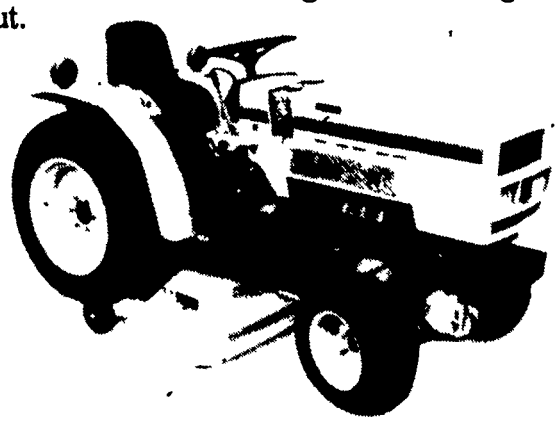

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Increasing milk production

Reducing feed costs in relation to income or production is a challenging goal. Since feed costs are around 50% of the cost of producing milk and even a bigger part of the cost of producing meat, a small reduction in this cost will have more impact on overall profitability than reductions in any other area. What steps should you be considering to achieve this goal?

Balanced rations are a prime factor. Each category of feed (energy, protein, minerals, vitamins) must complement the others. In other words, animals need enough energy to make maximum use of the available protein as well as enough protein to efficiently use the available energy. Too much energy means waste in the form of excess fat or unused feed. Too much protein means waste in the form of protein converted to energy (the dollar factor is about 7 to 1). Neither one will be used to economic advantage if the ration is lacking in minerals or vitamins.

Producing and feeding top quality hay crop forage is a must if you are concerned about reducing the cost of producing milk. Since high quality forage contains more protein and more energy and less fiber, the results are multiple:

- Each bite contains more nutrients.
- It takes less energy to digest the forage which leaves more energy from the entire feed ration to produce milk.
- The additional protein saves on purchased feed costs
- Cows like the higher quality material more, therefore will eat more of it — that in turn gives the cow more nutrients for milk production (1 pound of nutrients will yield 3 pounds of milk).

Air movement and exchange is critical at any time of the year. Air movement removes stale moisture laden air which improves feed palatibility. Air movement has a cooling effect in warm weather, just try it on yourself. Air blowing from a fan onto your face will cool you even though the temperature itself does not actually change.

Circulating air also reduces fly problems, cuts odors, and makes the cow more comfortable. Circulating fans are a big plus in any type of barn in the summertime, unless you have a barn that normally gets natural air flow. A comfortable cow will just naturally produce more milk.

Stress can be a factor. Stress can be caused by poor handling of cows, overmilking, undermilking, inadequate ventilation or air movement, malfunctioning mechanical items such as vacuum systems, or wide variances in routines. Stress can show up in higher somatic cell counts. It can also show up in reduced production or reduced feed consumption (same result).

Culling is systematically is important for dairymen who are concerned about economic milk production. One good way to start on a reasonable culling routine is to evaluate each cow prior to breeding her. If she has low production or poor health or is a chronic mastitis case or is a pain to work with, don't breed her. She will make a little more milk for the feed you give her and will surley be culled down the road.

Dairymen should feed cows partly by production and partly by her stage of lactation. Most do neither adequately. As a guideline: Feed a cow as much as she will comfortably eat during the first 90 days of her lactation. Be careful that you meet at least the minimum standards for forage consumption.

After 90 days make her work for her feed. Use the forage test recommendations for the next 30 to 60 days depending on her production level.

After 120 days you could start to reduce her grain to milk ratio (calls for 1 to 3, use 1 to 3.5). If you have an ample quantity of good quality forage you could cut it even more than than.

After 200 days, you could have her on a very wide ratio. With good forage, especially hay type forage, a ratio of 1 to 6 or 7 would not be out of line.

M underfeed cows at the front of lactation th n make up for it by over towards the end of the lactation. That is a waste of money all the way around.

Now is the time to start on an economical feeding program by making as much top quality hay or haylage as possible. Hay was about 7 days early in maturity in the central part of the state. It appears to be a bit on the short side, though, so don't wait until it gets tall enough or it will be past its peak.

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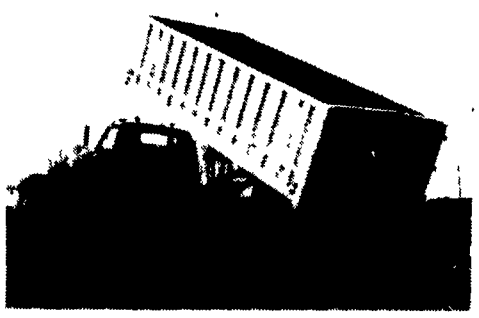

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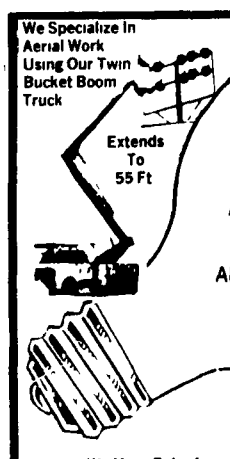

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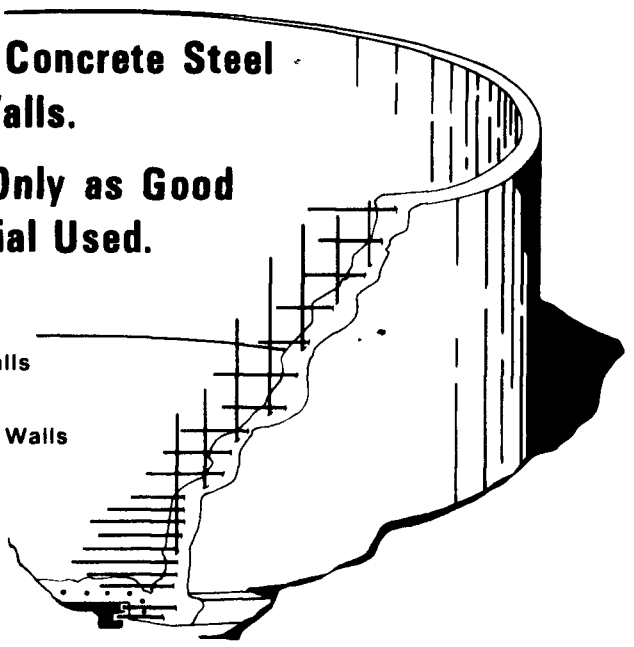

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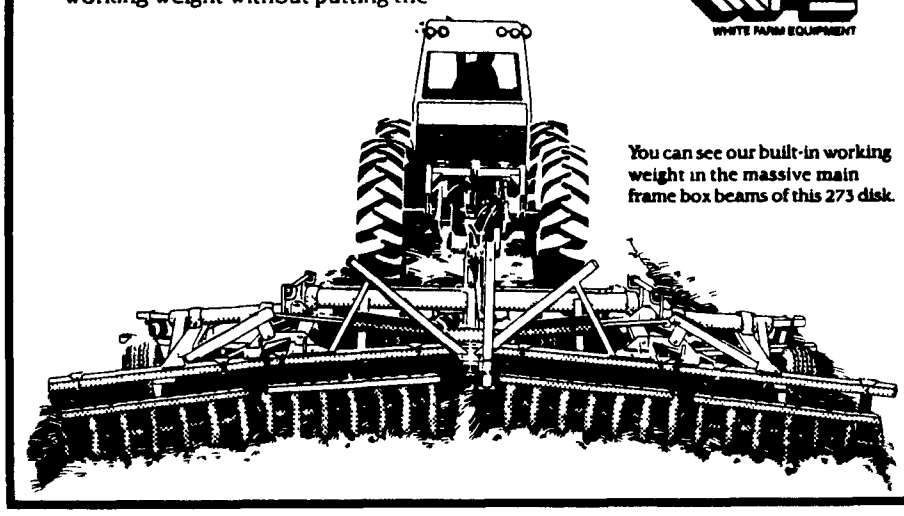

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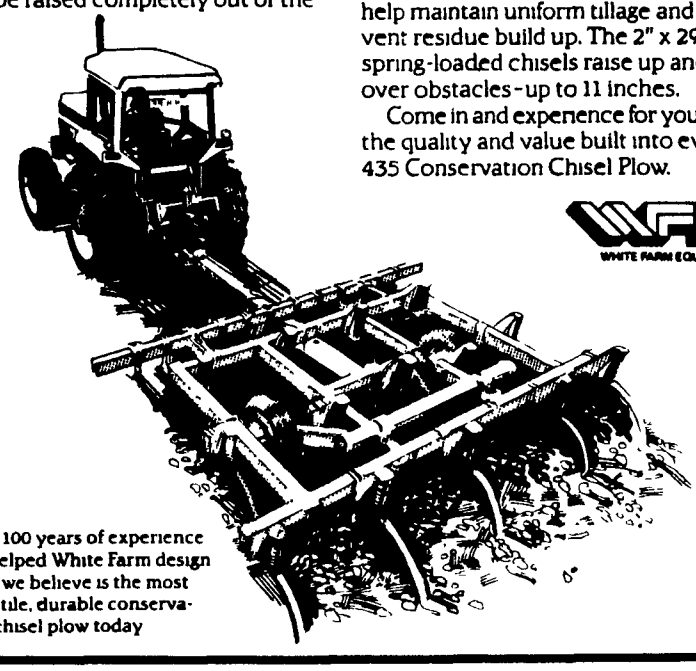

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Berks 'detective' Tom Benusa uncovers clues to stolen profits

BY JACK HUBLEY

MYERSTOWN — "I cover a lot of ground in a day's time." muses Tom Benusa, spanning a winding brook in one stride. (Those who regularly jump brooks find the two-stride method too soggy.)

With a pair of size-14 boots anchoring Benuza's frame to earth, it's obvious that he "covers a lot of ground" simply by standing still. But no moss ever grew beneath this six-foot agronomist's foundation.

As Berks County's first technician with the newly formed Berks Crop Management Association, Benuza does indeed cover plenty of ground–3,400 acres a week, to be exact. Tom is currently responsible for 19 farms, making weekly visits and advising farmers on the proper battle tactics in their never-ending fight with insects, weeds and disease.

"I do what the farmer could do if he only had the time," the Delaware Valley College agronomy graduate proclaims modestly. But hiking the Elvin Martin farm near Richland with Benuza soon reveals that his trouble-shooting skills reach well beyond that of most farmers.

One moment the insect detective is on hands and knees probing a tiny hole in the ground with his Swiss army knife in search of black cutworms.

Pandora's Box

And in an instant he's swishing his insect net back and forth across the second-growth alfalfa for a potato leafhopper census. Inspecting the contents of the net reveals a Pandora's box of tiny beasties including flies, spittle bugs, flea beetles, alfalfa weevil larvae and, of course, those pernicious leafhoppers. Tom records the information on his clipboard, makes an estimate of plant populations in the field, then moves on to the next field.

This one's a brand new field of alfalfa that, at a distance at least, seems to be coming along well. Closer inspection, however, reveals that the lush green carpet is in fact a blanket of lambsquarter that's crowding the smaller alfalfa plants.

"It was a good year to get in the fields early, but the dry weather has hurt everything planted this spring," says Benusa. His field work has also revealed that insects such as leafhoppers and weevils seem to have an early start this year.

Since it pays farmers to recognize these problems early, Benuza will be visiting all his clients once a week from May through October. The pace then slackens to biweekly visits from November through April.

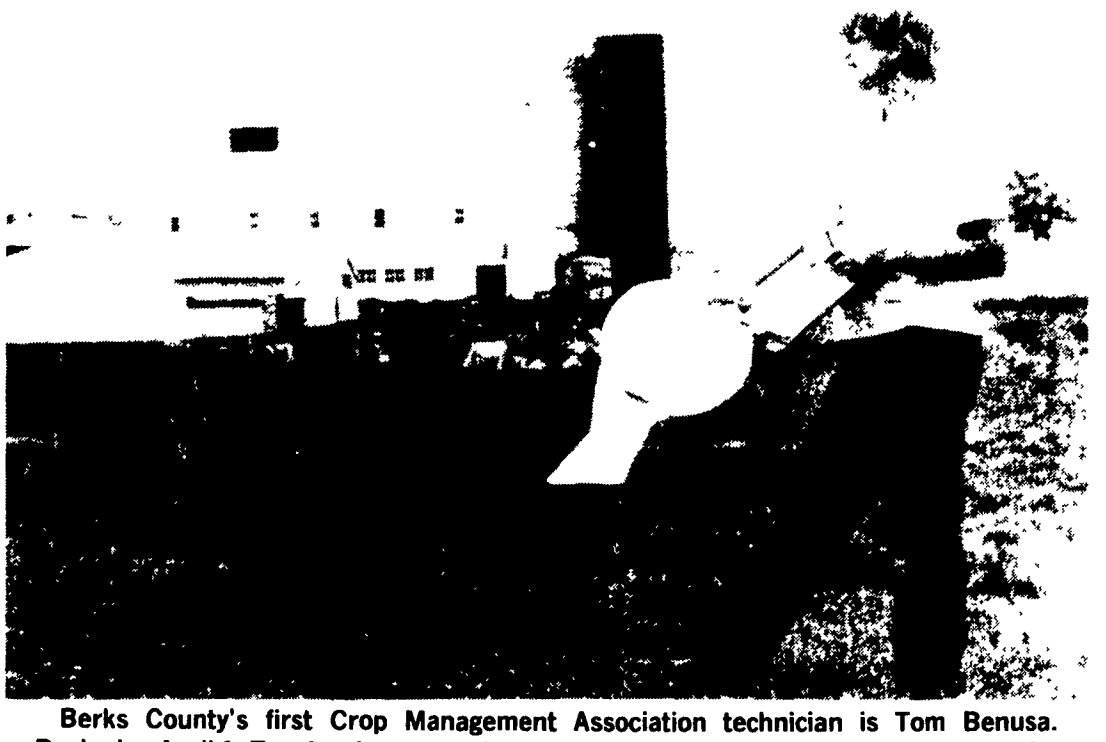
This time of year Benuza's time is spent scouting for insect damage and potential weed problems in corn and alfalfa fields, checking corn and alfalfa populations and being on the lookout for disease problems in small grains. Checking alfalfa yields and running occasional soil tests are also part of the spring itinerary.

Though plenty of paper work is built into the job of CMA technician, Benuza's skills really begin to shine when he's pounding his beat in the "back forty".

Hiking among the rows of a young corn field, the agronomist stops in mid-stride. "Hold it! Don't move too fast. I've got to see what's hopping around here. Could be the dreaded flea beetle...which I hate." The agronomist smiles at his description of an insect small enough to get a job dotting i's. Benusa observes that they're tough to find and even tougher to catch, but he soon has a pair located on the underside of a three-leafed corn plant. Then he spots a few brothers, sisters and cousins, and all this information is quickly recorded on the clipboard. Next comes another strip of alfalfa, and then on to another cornfield where he uncovers some army worm damage, along with a single cutworm lodged in a tiny corn plant.

An Important Find

For Benusa this cutworm is an important find, since the pest normally works the night shift, surfacing in the dark and lopping off the entire corn plant. One of these larvae can topple four to six plants before it changes into the pupa stage. But just labeling this single specimen a cutworm isn't enough, since it could be one of seven different varieties. This one is popped into an empty film cannister for a ride to Penn State and a "meeting" with university entomologists.



Berks County's first Crop Management Association technician is Tom Benusa. Beginning April 1, Tom has been scouting 3,400 acres for the 19 farmers enrolled in the program.

With the field survey completed, the agronomist heads back to the farm to write up his report and talk to the farm's owner, Elvin Landis. Benusa's prescription includes spraying as soon as possible for leafhoppers. Likewise for the flea beetles, but hold off on attacking the cutworms since the flea beetle treatment may kill two bugs with one stone. More discussion follows on dealing with the army worms and weed infested alfalfa, and finally at 4 p.m. the agronomist is heading for his last farm for the day.

Elvin Martin assesses the report, and then decides that it's time to get into the fields with his sprayer.

"The main thing is to spot any kind of disease or insects early," says Martin, admitting that his dairy operation usually prevented him from walking the fields. "I always said that the cows should come first," he asserts.

Now, with Tom on duty, Elvin isn't as concerned about potential problems going undetected. Nor is he concerned about the $4-per-acre cost of enlisting the service, since he feels that the resulting increase in yields will more than compensate for his investment.

And Don Duncan, chairman of the Berks Crop Management Association's board of directors, agrees with that assessment. Today's farmer simply doesn't have time to scout his fields and nip potential problems in the bud, he says. Though the value of the program will vary depending on the type of operation being serviced, Duncan says that claims of cost savings in the $8 to $20-per-acre range are not unrealistic.

Though all the services provided are potential money savers, Duncan feels that the farmer will probably cover his fees simply by knowing his exact fertilizer needs and having the time to negotiate with a number of fertilizer company's for the coming year's requirements.

A Slow Start

Duncan confesses that the program has been slow to catch on in Berks County, due to the present state of the farm economy. "The word is out, and everyone is interested, but not everyone is willing to jump on the band-

(Turn to Page D14)

Protecting an alfalfa field involves plenty of nose-to-the-ground detective work.

A few passes with the net reveals that each field is populated with an incredible variety of six-legged critters.

Based on the day's field inspection, Tom prepares a technician's report with his insect and weed control recommendations.

Crop Management Associations are cropping up statewide

BY JACK HUBLEY

STATE COLLEGE — In the current cost-price squeeze farmers are being bombarded with plenty of advice from all points of the compass: keep meticulous records, increase efficiency and streamline your operation. Unfortunately, all this counsel is easier to dole out than it is to implement.

The farmer who spends his time trying to increase the profitability of his dairy, beef or swine herds finds little time to keep abreast of current events in his fields.

What the farmer needs, then, is a hired hand. A specialist trained to spot disease, weed and insect problems at a glance.

During the latter part of the 1970's, a handful of Centre County farmers came up with a solution in the form of what they termed Crop Improvement Associations.

"We spent a year kicking the idea around, and eventually incorporated as a non-profit organization in July, 1979," says Mel Brown, a 20-year veteran of the Centre County Extension program and one of the crop organization's founders. By September of the same year, Centre County hired its first technician to scout the 2,000 acres making up the initial 10 farms that enrolled in the pilot program.

Since 1979 the program has enjoyed steady growth, and today the state's first crop management association (the new name more accurately reflects the purpose of the program, says Brown) employs two full-time technicians and two summer technicians to scout the 13,000 acres farmed by its 80 members. During the summer months all farms are visited weekly, with visits scheduled every two weeks throughout the fall, winter and early spring.

Six years later, a new crop of CMA's has taken root across the state. Bedford, Franklin, Columbia, Sullivan-Bradford (Sulbra) and Blair-Huntingdon were the next county associations to form, and last summer Lehigh and Northampton Counties joined to form the Lehigh Valley CMA.

As of April 1 of this year, Berks, Fulton and Clearfield-Jefferson (Clear-Jeff) had formed associations, and Brown reports that the Lycoming, Chester and Snyder-Union Associations should be getting off the ground this month.

Brown notes that CMA's are organized as cooperatives, with a five to nine-member board of directors chosen by the membership. Each board elects officers and hires technicians to handle a multitude of duties.

In addition to monitoring insect, disease and weed problems, technicians also measure each field and sample

Melvin Brown

plant tissues, soils and manure. Based on this data, then, the farmer and his technician can project seed and fertilizer needs for the coming year. Technicians also monitor plant populations and check yields and grain moisture levels at harvest time.

Other duties include assisting in sprayer calibration and scheduling comprehensive educational meetings for members.

"Record keeping is emphasized in this program," says Brown, who points out that record sheets are kept for each field, and a computerized crop record summary is developed for each farm.

The $4 to $5-per-acre cost is money well spent, according to Brown, who says that the savings can be substantial. "I'm sure there has been a reduction in the amount of insecticide used across the state," Brown emphasizes, pointing out that many farmers spray their second and third cuttings of alfalfa for leafhoppers when this added "insurance" really isn't necessary. During 1983 and '84, Centre County CMA members averaged only one application per year, says Brown, adding that the cost of spraying for leafhoppers usually runs $7 to $7.50 per acre.

Savings have also been realized through reduced treatments for northern corn rootworm, he says. While some farmers had been treating their total corn acreage for northern corn rootworm, beetle surveys conducted during August have revealed that only about 10 to 15 percent of Centre County's corn acreage is in need of treatment.

But insecticide cost isn't the only expense that Centre County's technicians have been able to trim. A look at the total cost of seed, lime, fertilizer, herbicides and insecticides when harvesting corn silage after a legume crop, for example, reveals that farmers spent $114.83 per acre in 1981, compared to $70.20 in 1983. Per-acre alfalfa costs during the seeding year have also been reduced by $19.50 during that same period.

Such results haven't gone unnoticed, and Mel Brown reports that as of last December, statewide CMA membership had reached 230 farms representing 45,000 acres. With this spring's crop of new associations, Brown estimates that today's membership probably totals 300 farms and more than 75,000 acres.

In response to the growing popularity of CMA's, the Pennsylvania Crop Management Association was formed in September of last year to coordinate efforts at the county level. Brown himself was named to head up the program as the state organization's newly appointed coordinator. Though the group works closely with Extension, Brown stresses that the CMA program is totally self-supporting.

"The program is an attempt at taking the technology available today and applying it based on information collected on the individual farms", Brown said. "Most farmers can do these things for themselves, but they don't have sufficient time, at the right time, to get the job done. So what they're really doing is hiring skilled labor," he concludes.

And Brown also pointed out the this same type of "skilled labor" is available in the form of consulting services offered by private agronomy concerns.

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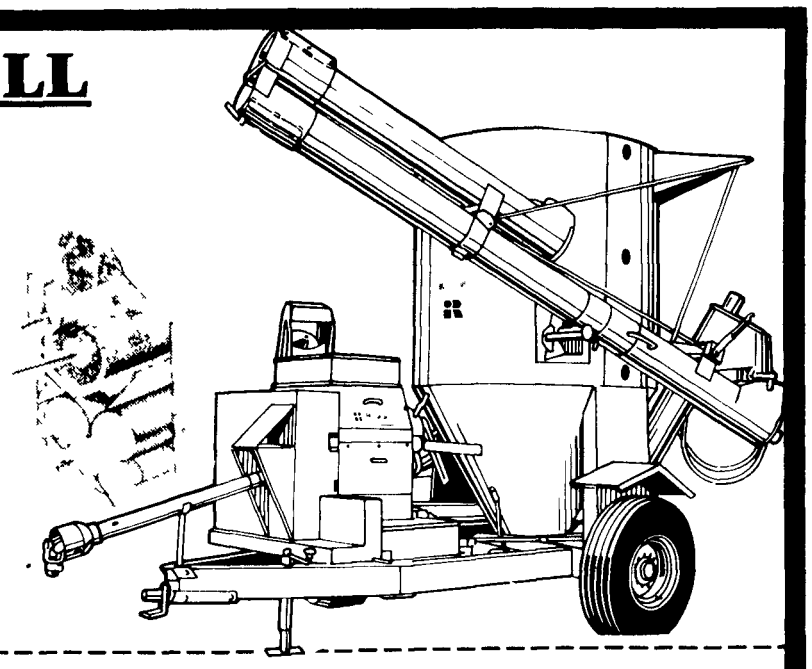

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Pesticide advice:

"Keep it simple and safe"

HARRISBURG – "Keep it simple and keep it safe!" is the best advice offered by the Pennsylvania Department of Agriculture when using pesticides, according to Dr. Gerald J. Florentine, state pesticide coordinator with the Department's Bureau of Plant Industry.

"The best source of information on care and proper use of pesticides in the garden, home or around the farm is right on the manufacturer's label," he said. "Reading the label and following directions is the simplest, safest way to ensure the desired results."

The Department offers the following tips when using and handling pesticides:

* Be sure all equipment (sprayer nozzles, pumps, etc.) is in proper working order before applying pesticides. use the proper tools to make repairs.

* Mix pesticides outside or under proper lighting and ventilation conditions. Take extra care when opening and pouring these materials to avoid spilling or contact with the skin. Protective clothing, goggles, gloves and respirators must be worn when specified on the pesticide label.

If pesticides are spilled on clothing, immediately remove the clothing and wash skin with warm water and soap. Contaminated clothing should be washed separately as soon as possible.

* Never eat, drink or smoke when mixing or using pesticides. Always wash thoroughly after handling them.

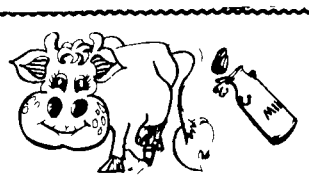
* Don't leave pesticide containers unattended. Remember to return unused portions to the storage area immediately after dispensing the amount needed. ALWAYS store pesticides in a secure, dry place where children, pets or livestock won't accidentally encounter them. Children and animals are curious, but they cannot read labels.

* Keep all pesticides in their original labelled container with the label visible. Never store them in familiar bottles or containers. DON'T store them near food, feed or seeds. Be sure to store herbicides separate from pesticides.

* Containers should be inspected periodically to insure that lids are secure and there is no leakage or corrosion.

* Keep pesticide storage areas locked. In case of emergencies, such as fire or flooding, inform authorities about the types and quantities of pesticides stored on the premises.

"Pesticides will provide the garden and homeowner with satisfactory results only if used properly," said Florentine. For additional information concerning pesticides and their use, contact the Pennsylvania Department of Agriculture, Bureau of Plant Industry, 2301 N. Cameron Street, Harrisburg, PA 17110 or phone (717) 787-4843.



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Berks CMA

(Continued from Page D12)

wagon," he observes. Nevertheless, he feels that the success of CMA's will probably parallel that of the now popular DHIA program which also was slow in gaining ground.

If Duncan's predictions come true, Tom Benusa may find himself covering even more Berks County ground. And even though he's ready for the challenge, he's quick to admit that his new responsibilities can be intimidating at times. After all, it's been said that the biomass of all the insects in the world actually outweighs the biomass of all other living things on earth. Which would seem to put Benusa and his colleagues squarely in the wrong weight class. Then too, lying beyond the bug problems is an entire universe of symptoms associated with diseases, nutrient deficiencies, bird and rodent damage, and of course the weather.

But Tom Benusa isn't deterred as he takes a moment to consider the sea of Berks County farmland rolling into the Blue Mountains to the north. "I've got the best job in the world," he smiles.

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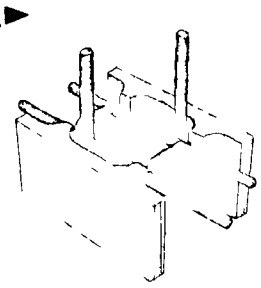

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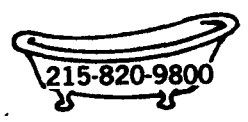

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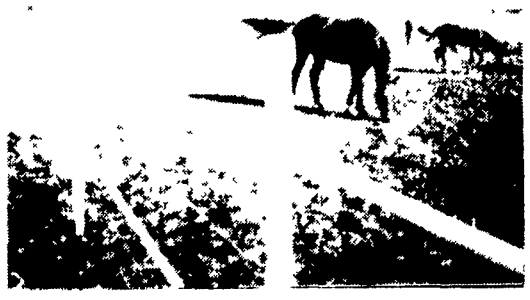

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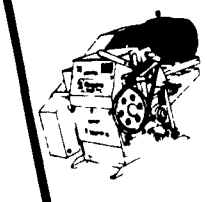

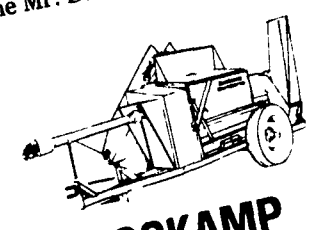

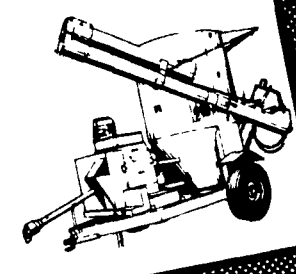

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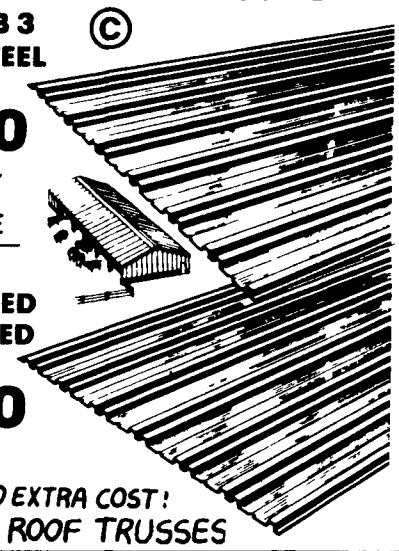

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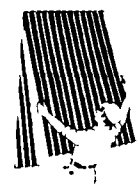

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- Pattern #116

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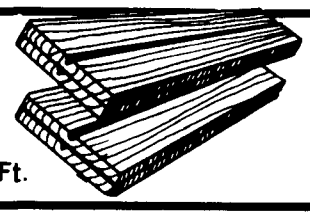

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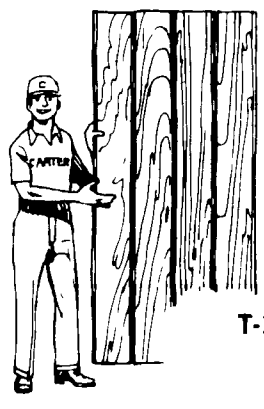

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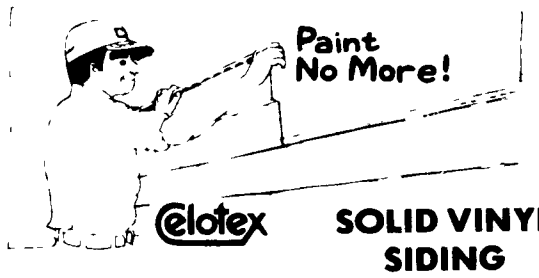

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CARTER 1985

'Where', not 'Who' is key to ag job opportunities

UNIVERSITY PARK – Job hunters will tell you it's not what you know, but who you know that counts when looking for a job. Graduating agricultural students, however, will tell you it's not who you know, but where you are, that's important.

Faculty from The Pennsylvania State University's College of Agriculture believe that their graduates may see a stable job market with vacancies for qualified applicants. But researchers at the University of Nebraska say Midwestern agricultural students will have trouble finding work after graduation this year because of a poor business climate and a sagging farm economy.

"One thing our students have going for them is that they're here in the Northeast," says James Phillip Bucher, assistant director of placement services at Penn State. "They have more opportunities with small agribusiness operations."

Penn State and other Northeastern schools offering agricultural majors are currently more successful in job placement because of their diverse programs. Northeastern schools are based less on production agriculture.

"Our graduates do more than farm," Director of the College of Agriculture's Undergraduate Student Affairs, James McCoy says. "Pennsylvania's processed food base is as vital to state agriculture as our production base."

Agricultural placement in non-food related fields is also healthy. Kim C. Steiner, associate professor of forest genetics, says this year's strong forestry job market is "as healthy as it was last year, maybe even better."

Associate professor of food science Edward Glass says food science graduates are experiencing no difficulty in finding profession related entry-level job opportunities. Annual starting salaries for food science graduates average around $20,000, Glass says, and no one in this year's graduating class accepted a job offer under $15,500 a year.

Positions in agricultural economics and business are plentiful, says associate professor of agricultural economics Tom Brewer.

"Opportunities aren't as plentiful as in the mid-70's, but hiring is pretty brisk, and salaries are a little higher this year," he says. "A wide variety of jobs are available to agricultural business management or agricultural economics graduates. Employers range from firms that supply farm inputs ot services to jobs in food processing, distribution and retailing."

Jobs in dairy production-traditionally strong in Pennsylvania's farm economy–are not as available as jobs in other areas, but McCoy thinks that's because dairy employment figures may be difficult to pin down.

"If a student goes back to the family farm with his dairy science or dairy production degree, he may not consider himself employed," McCoy says. "They're a lot better off than statistics indicate... That's why we work hard to identify graduates with careers in production and business."

Another problem with agricultural job placement statistics is that they are taken from the select job market of on-campus recruiting. Yet most agricultural jobs are acquired through the employee's own initiative. On-campus recruiting statistics also ignore students who find jobs in agriculture, but not in their specific field of study.

Penn State has an eight-year record of steady agricultural graduates typically work in their field of study, but another 20 percent work in agricultural jobs outside their major. These figures are conservative, because they reflect the recent graduates' status two months after graduation, Bucher says.

"The key word is assertiveness," he says. "I'll bet a third of all ag majors that get a job in their field get it on their own initiative. Hiring in the agricultural job market is 95 percent invisible. To get jobs, ag majors must beat the bushes themselves."

To encourage agricultural graduates to look for jobs themselves, Bucher urges students to think in terms of the kind of work they want to do, rather than trapping themselves in a specific job title. Once a year, he teaches a class in job hunting skills that's open to students throughout the college.

"There are tens of thousands of small agricultural employers. If each one hires only one person a year, that's a lot of jobs," Bucher says. "How can an ag major find out where they are? That's what we're trying to teach students here how to find the hidden job markets, how to be assertive, how to let employers know what you can do for them."

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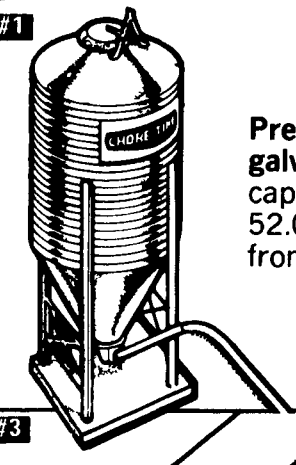

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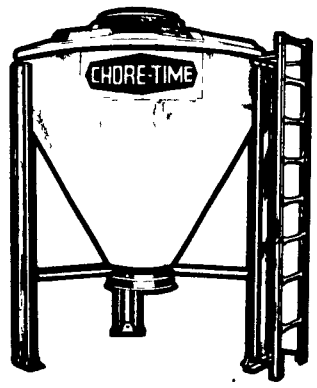

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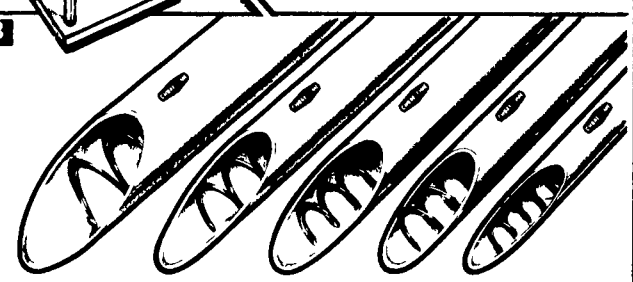

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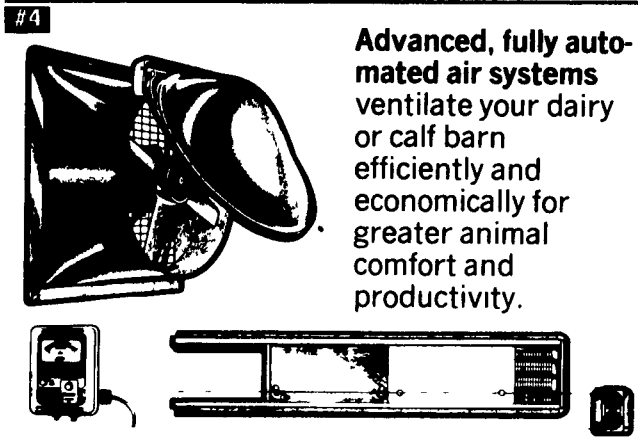
#4



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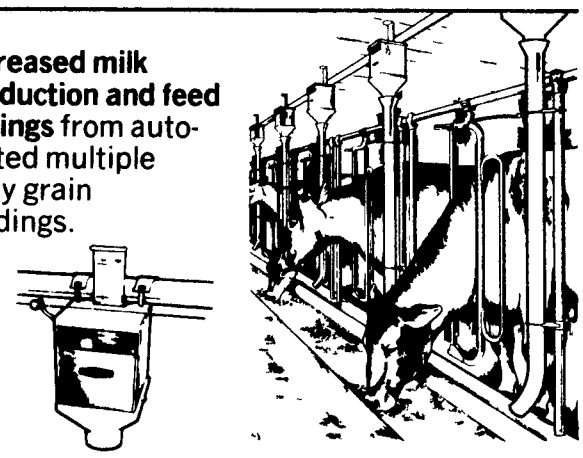

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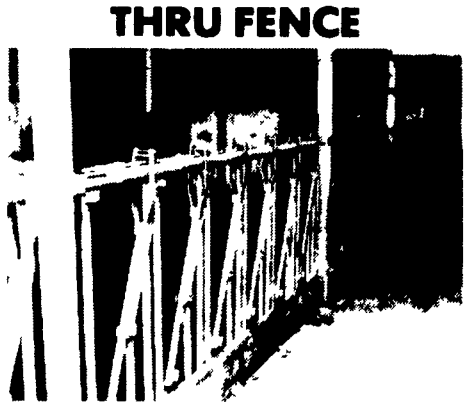

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Chester County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

April, 1985

The cow with the high fat was owned by Vernon Guest & Son
The cow with high milk was owned by Bright Meadows

Rolling Herd Average

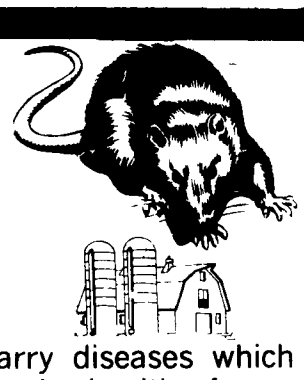
Owner	Brd	No Cows	Days In Milk	Lbs Milk	Lbs Fat
Melwood Farm	3	36 5	90 6	705	300
H & R Mason	3	106 9	90 1	20 784	803
Ardrossan Farms	1	124 4	86 4	18 910	801
Robert E Pepple	3	61 4	86 4	19 597	776
George P Lamborn	3	34 7	88 9	20 524	764
Dunwood Farm	3	55 0	88 5	19 699	757
Jonas B Stoltzfus	3	46 9	87 4	19 372	755
Abner R King	B3	37 0	86 0	18 341	723
Joseph Lusby	B3	44 0	86 6	18 134	723
John S Stoltzfus	3	75 8	88 5	18 033	713
Chris&Ches Stoltzfus	3	55 5	89 0	17 995	710
Bright Meadows	B3	70 8	83 3	18 771	708
James V Yale	B3	65 3	91 4	17 341	707
Paul King	3	72 9	91 6	19 241	706
Vernon Guest & Son	B3	92 2	87 7	17 694	705
Kulp Bros	G3	87 2	87 9	18 073	704
Breck A De Farm	3	78 5	86 6	18 594	704
Floyd Miller & Sons	B3	67 2	87 5	18 508	704
Willowland Farm	3	59 1	88 9	18 717	702
Ridglea Farm	3	95 3	87 5	17 583	697
David&Dawn Windle	3	49 7	86 0	18 792	694
Round Top Farm	B3	80 8	82 4	19 777	689
Timberview Farm	3	57 2	87 9	17 058	688
Jefferson D Yoder	3	67 9	87 1	17 986	687
Herman Stoltzfus	3	54 1	85 0	18 274	685
Glen H Freese	3	70 9	85 5	19 166	683
Hargret Dairy Inc	B3	52 7	87 7	18 256	683
Pei Valley Farm	B3	69 7	88 8	17 703	683
Maplesway Farm	3	65 4	89 8	17 675	683
Merle J King	B3	81 0	88 8	18,161	682
Dale Hostetter	3	48 6	87 0	18 721	681
Elmer A Mast	3	84 1	86 0	17,295	680
David E Weaver	3	94 3	86 4	17,470	678
J Harold Bare	3	65 9	82 7	17 845	674
Mast Stoltzfus	3	45 1	88 6	17 874	674
Mark&Melody Stoltzfs	B3	49 5	85 3	17 272	673
Swan View	3	58 6	87 0	18 224	672
Jesse E Lair	G3	87 0	87 6	18 794	672
David K Stoltzfus	B3	45 6	83 7	17 282	669
Charles J Moore	B3	48 7	85 4	18 984	668
Harold K Kulp	B3	77 4	88 0	17 564	667
Mrs John B Hannum 3D	B3	86 0	88 6	18 274	667
Donald M Horning	B3	46 6	86 3	17 976	665
Samuel B Acker	B3	184 2	89 3	16 791	664
Kenneth Umble	3	60 6	86 1	17 501	663
Leon D Kurtz	3	42 0	84 0	18 055	662
Arthur D Hershey	3	50 4	85 4	17 576	661
Richard Hostetter	B3	47 1	83 6	17 202	659
Benjamin K Kauffman	B3	41 3	90 2	17 932	655

Indicates 3 Times A Day Milking

Owner Name or No	Brd	Age	Days In Milk	Lbs Milk	% Fat	Lbs Fat
Vernon Guest & Son						
Trish	3	3 9	305	21 794	4 2	909
Jeanett	3	3 7	305	18 494	4 4	814
Ben Beiler & T Barlow						
Peace 30	3	4 9	305	24 378	3 7	903
H & R Mason						
153	3	3 5	305	23 837	3 8	901
148	3	3 8	305	22 035	4 0	888
137	3	3 8	305	21 203	4 0	842
152	3	3 5	305	18 505	4 5	830
139	3	3 8	305	21 652	3 8	817
150	3	3 3	305	18 611	4 3	801
Maplesway Farm						
Robin 16	3	3 5	305	23 027	3 9	890
George P Lamborn						
Topsy	3	4 7	305	21 922	4 0	885
Agnes	3	3 6	305	23 917	3 5	828
Floyd Miller & Sons						
44	3	4 4	305	21 461	4 1	885
Melwood Farm						
Betty	3	7 1	305	20 058	4 4	885
Rocky	3	9 1	286	20 961	4 1	859
John S Stoltzfus						
Taco	3	6 11	305	22 203	4 0	880
Breck A De Farm						
130	3	2 11	305	19 495	4 4	866
Joseph Lusby						
Katie	3	3 10	305	22 140	3 9	865
Christa	3	3 7	285	19 733	4 1	800
Pei Valley Farm						
18	3	4 1	305	19 396	4 4	856
Herman Stoltzfus						
Gerry 21	3	4 11	305	20 807	4 1	848
Fawn 1	3	5 8	305	22 292	3 8	846
Bright Meadows						
79	3	6 8	305	25 152	3 4	843
Kenneth Umble						
Rosebud	3	3 11	305	21 246	4 0	842

(Turn to Page D18)

ATTENTION FARMERS... FREE ESTIMATES ON RODENT CONTROL



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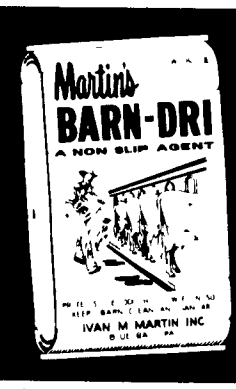

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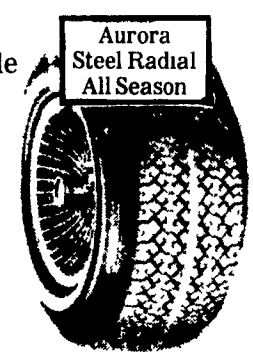

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P205/75R15	FR78-15	50.00
P215/75R15	GR78-15	51.75
P225/75R15	HR78-15	55.50
P235/75R15	LR78-15	58.75

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TIOGA COUNTY DHIA
April, 1985

Herds in the Tioga County D H I A in April 1985 which produced a rolling herd average of 650 lbs or more

Owner	Brd	No Cows	Days In Milk	Lbs Milk	Lbs Fat
Glenn Bowen	3	39 3	86 9	19,013	771
Paul & Emma Machmer	B3	20 5	86 4	18 971	754
Stephen E Bolt	B3	71 8	85 7	19,586	735
Gerald Parker	3	72 7	88 6	19 096	731
Richard Groover	3	39 9	85 0	19,359	720
Bernard G Courtney	3	140 2	88 0	18 795	720
Theodore Schmelzle	3	49 9	87 2	18 832	717
MIC Realty	3	64 6	87 3	17 102	714
Douglas W Lawton	3	62 0	87 3	18,920	714
Verne W Bowen	3	38 0	89 6	18,410	707
Larry & Mary Herman	3	45 9	88 4	17 571	687
Randy Parthemer	G3	38 6	85 7	19 123	686
Charles D Groover	3	15 8	89 0	17,524	678
L & J Holsteins	3	39 0	87 4	17,643	677
Robert L Miller	B3	79 4	86 9	17,415	670
Charles&Doris Porter	3	37 1	88 5	18,312	670
Thomas Groover	B3	26 2	85 8	17,682	667
Norman&Gary Jackson	3	40 5	85 4	17,407	666
John&Eileen Rieppel	B3	34 4	81 9	18,614	663
Cortland Wilson	B3	53 6	84 9	17,688	657
Simalot Holsteins	3	45 5	87 3	17,640	654
Jack E Randall	B3	31 1	86 4	17,263	654
Chris Owlett	B3	31 3	88 3	16,208	653
Harold Robson Jr	3	50 9	89 1	17,675	653
Galen&Dale Jackson	B3	38 7	83 1	17,395	653
Bruce T Metzger	G3	25 7	87 4	18,875	652

* Indicates 3 Times A Day Milking

Cows that produced 750 lbs of butterfat or more in 305 days

Owner Name or No	Age	Days In Milk	Lbs Milk	% Fat	Lbs Fat
Douglas W Lawton					
408	4 2	305	21 083	4 2	895
409	4 3	305	20 693	3 8	755
Chris Gaugler					
May	7 10	305	25 532	3 5	893
Burdette F Brewer					
Darbie	5 6	305	23 558	3 8	893
Fawn	4 3	305	19 308	4 0	770
Leemon E Gaugler					
Eve	6 10	305	18 750	4 7	887
Ginger	4 6	305	21 500	3 6	780
Sweetbriar Acres					
201	4 9	305	21 147	4 2	880
325	5 11	305	20 441	3 7	766
Richard Groover					
Debbie	4 9	305	21 681	4 0	863
Glenn Bowen					
Dutch	7 9	305	19 991	4 2	843
Gordon W Wood					
18 Rose	7 5	305	24 689	3 4	836
Bernard G Courtney					
85 Tnya	5 8	287	20,268	4 1	830
71 Lola	4 5	305	22,082	3 6	803
7-Cice	4 4	305	21 027	3 7	773
61 Thea	4 4	305	21,650	3 6	771
Charles & Doris Porter					
Cathy	5 4	305	20 445	4 0	818
Cortland Wilson					
Josie	4 11	305	22 016	3 7	816
C D & Wm Lichty					
Alisa	5 8	300	20,835	3 9	815
Jay Foreman					
433	4 4	305	20 651	3 9	813
Middle Ridge Farm					
238	5 2	231	17 776	4 6	813
Jotowell Farm					
Jeanne	4 2	290	21 536	3 7	807
John Painter II					
12	7 1	273	21 579	3 7	804
Dean Baity					
Toni	5 5	305	21 962	3 6	789
Tim Webster					
Allyson	3 6	305	19 359	4 1	786
Theodore Schmelzle					
Alice	4 8	305	22 622	3 5	782
War Bern Farm					
Typebla	6 2	296	18 117	4 3	782
Spring Valley Farm					
10	7 5	305	21 401	3 6	774
Randy Parthemer					
4	8 0	293	17,166	4 5	774
Erwin & Dianne Spencer					
Jerri	5 6	305	20 151	3 8	760
David Cleveland					
Jamie 43	3 9	305	21 536	3 5	759

Chester Co.

(Continued from Page D17)

Ardrossan Farms						
E Eye	1	3 3	305	17 390	4 8	840
Robert E Pepple						
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Joel C Brown						
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Jonas B Stoltzfus						
Vanessa	3	3 2	305	21 041	4 0	833
Honda	3	6 4	305	21 300	3 8	814
Kulp Bros						
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Chris & Ches Stoltzfus						
Alta	3	4 0	305	21 030	3 9	819
Spring Aqua Farm						
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Ellen 69	3	4 7	305	21 432	3 7	801

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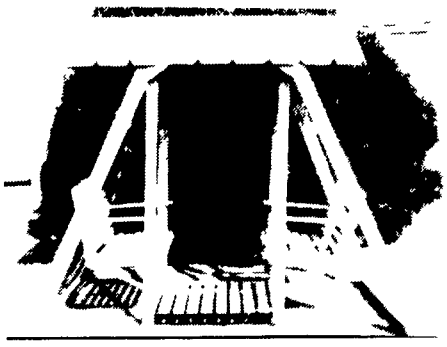

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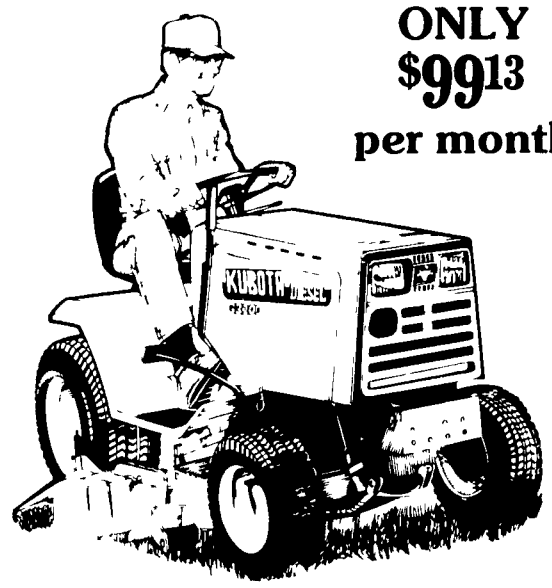

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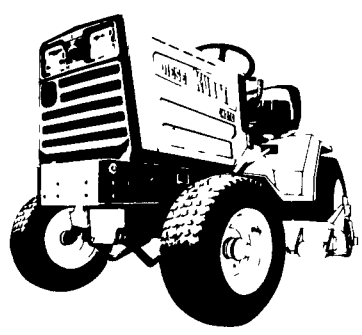

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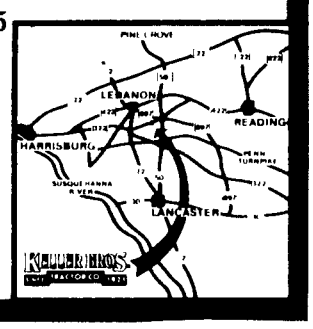

Alfalfa cutting - digestibility, timing, weeds, fertility

DEKALB, Il. – Ask alfalfa experts what management practice affects alfalfa quality and yield the most, and they'll probably say the timing of cuttings.

"Alfalfa produces its highest quality when cut in the late bud stage before any flowers appear," states Greg Jones, Regional Agronomist for DEKALB-PFIZER GENETICS.

"Crude protein is at its highest level, while new fiber percent is at a low level," Jones says. "As maturity advances beyond the late bud stage, crude protein percent decreases, while fiber concentration increases. Keep in mind, the leaves are where the quality is. You want to harvest a fine-stemmed, leafy plant."

Providing top-level management after you've established a stand from high-quality alfalfa seed pays dividends in the end, Jones emphasizes. Feed value increases with proper fertilization, weed control and the right harvest schedule--especially that all-important first cutting.

Dr. Sidney Bosworth, Extension Agronomist, Pennsylvania State University, and Dr. Dwayne Rohweder, Extension Agronomist, University of Wisconsin, agree wholeheartedly.

Bosworth says, "The very first cutting ties it all together--yield, quality and persistence of stand for the rest of the season." By hitting that late bud stage correctly, he adds, you should be rewarded with potentially higher yields, 20 percent or more crude protein levels, acid detergent fiber (ADF) levels below 35 percent and neutral detergent fiber (NDF) levels below 40 percent.

Digestibility

Good digestibility readings are important for many reasons, especially for their positive effect on your profitability.

High-quality alfalfa harvested correctly can save dollars by reducing protein supplement purchases; and at the same time, it can help producers get a few more pounds of milk per cow or better gains from feeder cattle.

For example, researchers estimate that increasing crude protein levels by 3 percent or 4 percent can increase the value of your alfalfa by as much as 25 percent. Crude protein measures the protein most available to the animal when a feedstuff is digested, and high levels are desirable.

Acid detergent fiber represents the undigestible components of feed, such as heat-damaged protein, cellulose, lignin and silica. As alfalfa matures, ADF concentration increases. When ADF is high (above 35 percent), it takes animals longer to digest feed, and less energy is available for other body functions.

Neutral detergent fiber is a measure of the cell wall material or structural fiber concentration in feed. As alfalfa matures, NDF also increases. The higher the NDF, the lower the intake and nutrient availability. NDF of 40 percent or less is desirable.

In addition to increasing digestibility, proper timing of the first cutting can boost total yields as well.

"Cutting alfalfa in the late bud stage often improves annual yield potential," Jones says. "Although the yield per cutting is usually less, an extra cutting is often possible, resulting in a net increase in total yield."

Fertility, Weed Control

Of course, there is more to raising good alfalfa than just cutting it at the right time. For example, Rohweder advises most Wisconsin alfalfa producers to follow a fertility maintenance program of applying 100 pounds of 0-11-55 fertilizer per ton of yield goal. He recommends applying one-half of it after the first cutting and the other half after the last cutting.

Jones says that controlling weeds in alfalfa helps prolong stand life and improves forage quality. Although established alfalfa can compete effectively with weeds, most weeds are less palatable and lower in protein than alfalfa. Eliminating weeds through use of herbicides can increase protein levels, digestibility and consumption of alfalfa forage.

Timing

Bosworth warns against pushing the alfalfa too hard. "I'd be wary of continuously cutting at too short intervals," he comments.

Greg Jones agrees. "You need to allow regrowth time to get the plant's food reserves built up," he says. "After the first cut, a 35-day interval will keep the plant healthier and help it survive a rugged winter." Jones adds that the productive life of a stand is often reduced to three or four years under intense cutting.

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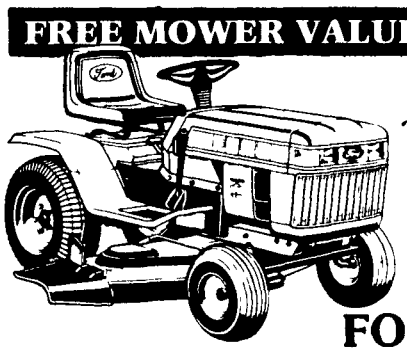

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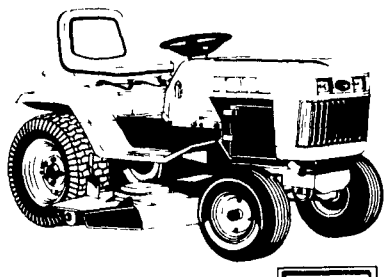

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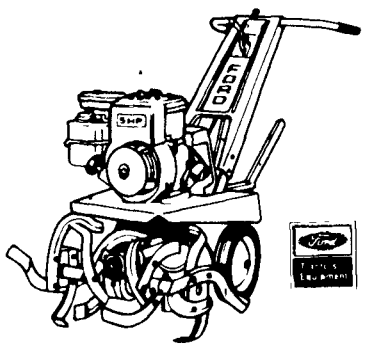

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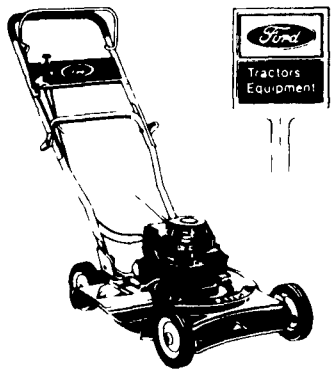

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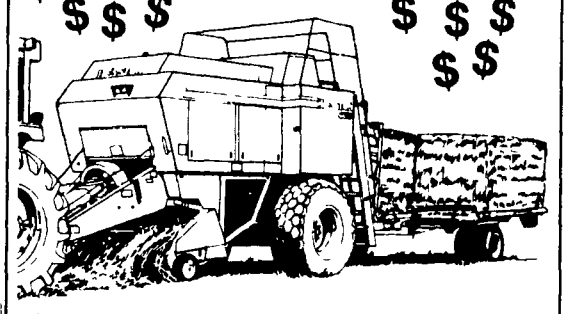

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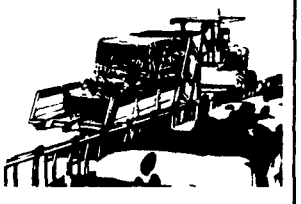

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HESSTON THE PRIME LINE

Novice dairyman opts for purchased-feed operation

BY SALLY BAIR
Staff Correspondent

MOUNT JOY — David Dum is a dairy farmer who never has to stop planting corn because it is milking time. And he never juggles his time so he can mow hay while the weather is good.

Dave puchases all his feed, which frees him for more cow-oriented chores. But while he doesn't spend time in the field, he does spend time at auctions looking for top quality hay to keep his cows producing.

It's been a little more than a year since he began renting facilities in West Hempfield Township, and his primary responsibility is his 55 cow herd of milking cows plus replacements. The herd was purchased intact, and it was a strong herd with good potential, but the stress of being moved showed in their first lactation production.

For David, the decision to become a farmer was one which was made with the full knowledge of what he was getting into - and out of. He had been a design engineer with J.I. Case for three years and nine months when he and his family decided to give up that security and go into farming.

The decision was not made lightly, and Dave had ample advice from his business partner and father, Sam Dum, former Penn State Extension farm management specialist. Sam and his wife, Beth, are not just financial partners; Sam is enjoying his retirement by working side by side with Dave.

Dave explains one reason for his decision, "I always had an itch to farm, and we decided to do it before it was too late and before the security was too great to risk making the change. I also knew I needed to be young enough for the long hours involved in farming."

Once the decision was made, they did not need to hurry to find a location because Dave continued in his job. They explored several options, including working with an older couple who might be wishing to retire in about ten years, renting facilities and land, and renting just facilities.

Just purchase cows

The decision to just purchase cows was made, according to Dave, because, "We felt that cows are going to make the money and so it is better use of money right away rather than investing in machinery for cropping." They also felt it would be most beneficial to purchase a herd intact, including milking cows and young stock.

Dave points out, "It is a good way to get started." It was, in fact, the route that Sam had been suggesting to young people as a farm magement specialist. "I was suggesting that they put limited capital into livestock because it would generate more rapid cash flow."

He adds that for many small farmers, purchasing feed may be the cheapest way to go because of the huge investment necessary for equipment, and the time involved in growing your own.

Sam adds that the most desirable way to start farming is to work as a hired man with an established farmer and have some of the pay go to acquire ownership of land and cattle. Of course that's not always possible.

Despite the lack of field work to be done, Sam and Dave agree that the start-up of the operation was hectic. They had investigated situations at leisure, but when the herd was located they had to move quickly because of other obligations of the herd owner. Sam adds, "I'm always in hopes that we'll get caught up." There is much maintenance, fence repair and other chores to keep them busy between milkings.

"We did a lot of budgeting through, using $12.00 milk. Financially we didn't have any real surprises," says Sam, although they didn't always fit their budget. He says candidly, "The first six months were the hardest on us. After 6-9 months we were closer to our budgeted figures."

They found a lot of items which were simply hard to budget - things like scrapers, pitchforks and other necessary equipment, which just adds up. Furthermore, Dave says, "We figure the first lactation was fairly well lost."

It took the second lactation for the cows to really take off, and that threw the budget off. Some cows had been starting to peak, but because of the move "didn't hold the peak," Dave explains.

Another factor was silage purchased which was grown during the notoriously dry 1983 summer. It was very low in energy and contributed to low production along with the stress of the move.

Their goal is to get to 16,000 pounds of milk and 600 pounds of fat in the first year, and they are nearly there.

Limits on hay purchases

A continuing problem, and perhaps the biggest they have faced, is finding good quality hay consistently in large enough quantities to feed the herd. Because of being forced to purchase small lots of hay, Dave says, "It is hard to keep the ration balanced."

Part of the reason for the unavailability of hay in large enough quantities, he says, is that "there aren't any real big hay growers." Most growers raise only 20-30 acres, and do it as a sideline to another operation.

"It is not the main enterprise for these farmers, and it is often their last preference for their time," he says. Consequently, much hay is overmature and loses palatability.

Because hay is not sold on a protein basis, "looks and feel" are the prime criteria, and that can be misleading when it comes to balancing rations. The Dums are constantly testing each load and readjusting their rations. This changing of rations is not ideal for the cows who don't get consistency.

A further problem in Lancaster County, according to Dave, is that horse people are looking for good quality hay and will pay top price. He says, "I can't compete with horse people." They are willing to pay much more than is profitable for a dairy operation.

He adds, "For heifers and dry cows, there is a ready source of hay at reasonable prices."

Of course, a lot of time is spent attending auctions, and often a day is wasted because no suitable hay is found. Dave said, "Most of the nice hay we have bought has been through private contracts."

In fact, it is this difficulty which has forced them to decide to farm some of the rented acreage on the farm. Sam says, "We are not naive enough to believe that we can always make high quality hay, but it will be consistent quality and in large enough quantities that we will not always have to be readjusting the ration." They will purchase hay-making equipment and contract other work where timing is not as critical.

Corn silage has not been a problem. "We were able to purchase some out of the field," David says. Grain is purchased from feed companies. "It is very handy. It is hard to justify raising your own at current prices."

Other considerations

There were some other eye-openers in the first months. One item Sam says they underbudgeted was the cost of breeding cows. "We weren't figuring as many services per cow," Sam explains. Dave said using higher priced bulls than originally anticipated also adds to those costs.

Although Dave doesn't need to worry about weather from a work schedule standpoint, he is just as concerned as the farmer who crops. "I want it to be grand weather for the crop farmers so there will be reasonable feed available. I would like to see a week of sunshine now."

Other considerations for young people who wish to go into farming include locating in an area where services are available. Sam says, "There are very adequate dairy support services here."

Another factor is choosing a good farming area, according to Sam, so "people who know what's going on can give you advice when you need it."

Sam has seen farming from both sides of the picture, and in many ways it is Dave who is following in his father's footsteps. Sam, too, held a professional job before going into farming in 1952. He says he was fortunate because he married a Lancaster County farmer's daughter, and that farm became available to him.

Located near East Petersburg borough, his home farm is now developed in housing, and it was this press of people and unavailability of land to expand which helped him decide to leave the farm and accept the position at Penn State in 1967.

Now he has some full circle, and is again farming. He makes it clear that he could not have gotten started in farming without the help and support of his in-laws, and he and his wife are pleased to be able to assist Dave and his wife, Robin, as they begin their farming operation.

Sam says that realistically they don't see owning land as part of their future.

With a 2½-year-old son, Paul, Dave points out another important financial consideration for those looking to do what he is now experiencing. "They have to make sure they have some personal living money left over. You have to keep your family happy or you won't make it. You have to take a serious look at what it costs to live. Things like health insurance must be figured in."

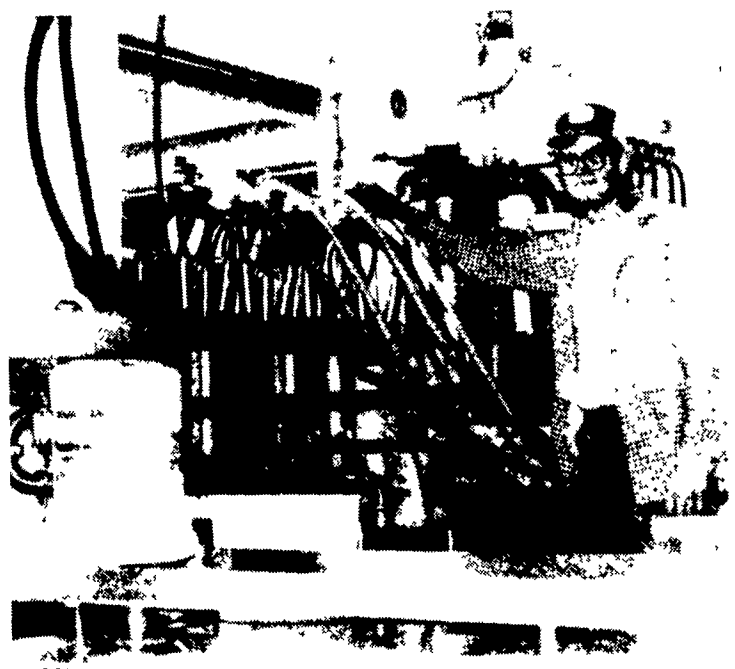
Another important item to take a look at is the need for someone to take over for you occasionally. "You need to get away to recharge," Dave says.

Dave and Sam figure that Dave is accepting at least one-third less income in farming than in his former job. In fact, it may be even lower, when vacations and other benefits are considered.

Nevertheless Dave says, "People need to realize that we are building equity, not a cash income. It is a lifestyle, not a paying job, and farmers have to love what they're doing."

For Dave, this venture into farming is a lifestyle that he loves. He is enjoying the challenges of starting up and is looking forward to the benefits which accrue over the years.

Dave, left, and Sam Dum look over their breeding program as they consider options. They are equal partners with their wives in this dairy operation which features dairy animals in rented facilities.



Milking is the primary responsibility, as Dave concentrates his work on the cows, and purchases his feed. This set-up made it possible for him to go into farming, since he didn't have to purchase land as well.

Dave Dum feeds grain to part of his herd of 50 milking cows. Dum is purchasing all his feed, and concentrating his efforts on the milking herd, which he purchased intact.

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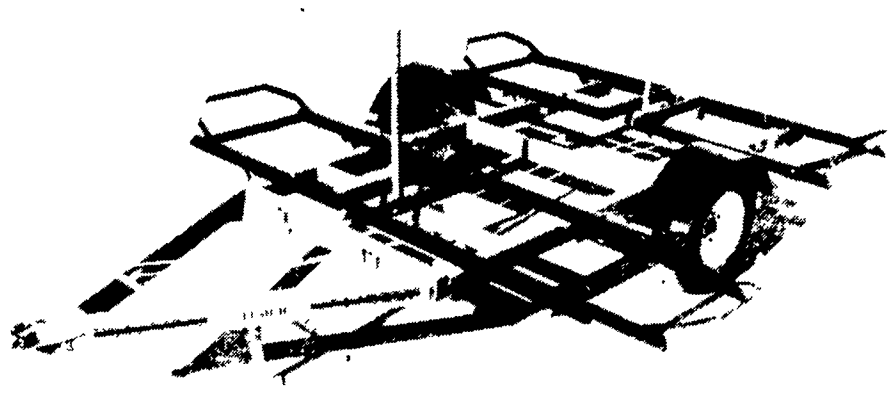

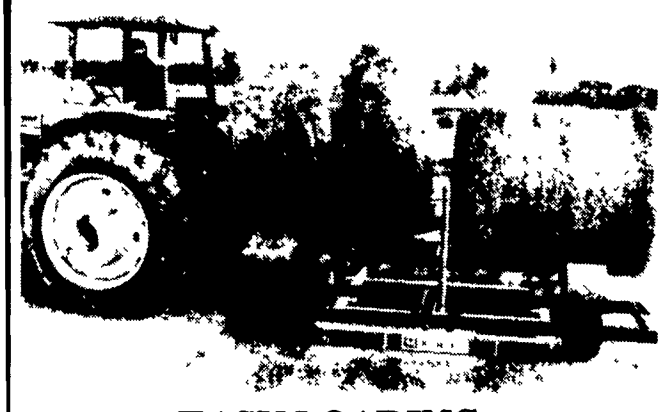

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Farm and Home Field Day set Aug. 14 in Delaware

NEWARK, DE – Farm and Home Field Day will return to the University of Delaware Substation near Georgetown this year on Wednesday, August 14. The event was cancelled in 1984 due to the threat of avian influenza. Plans are under way to develop an evening program to supplement the daytime activities.

As in the past, visitors can take part in special tours of corn, soybean and vegetable research and demonstration plots. Tours this year are being expanded to include crop research plots on the nearby Dill farm, which was recently acquired by the university.

According to substation director George Chaloupka, plans are also being made to expand the successful 1983 tent exhibit and demonstration area to accommodate a wider scope of agriculturally related presentations. Farm animals, including horses, will be among featured exhibits.

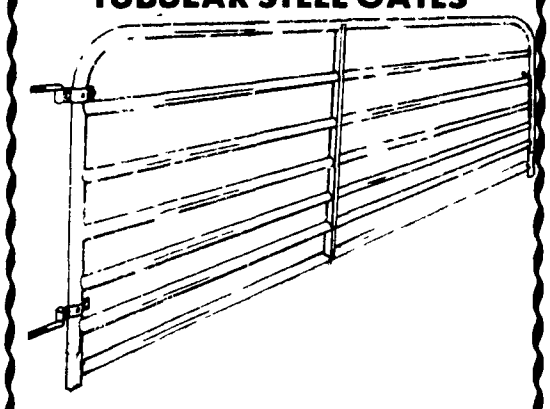
There will be a numbe of farm safety presentations, including a special program for farm wives, plus demonstrations on electrical safety, home sprinkler fire control systems, and fitting respirators properly.

"This year we also plan to have considerable youth involvement (4-H, F.F.A.) in field day activities," Chaloupka says. "Young people will be participating in exhibits, demonstrations and competitive events."

Consumer programs, always one of the highlights of every Farm and Home Field Day, are again being planned for both the daytime and evening. Among them will be presentations on managing work and stress, modifying recipes for special diets, and exercising for fitness.

Watch area papers for further details as August 14 approaches.

TUBULAR STEEL GATES



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Franklin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

April, 1985

Rolling Herd Averages
Above 650 lbs. Butterfat

Owner	Brd	No. Cows	Lbs. Milk	Lbs. Fat
RV & SV Hollenshead	B3	33	21,816	764
Oakleigh Farm	3	105	19,141	734
Wayne L Beidel	3	45	18,879	723
RV & SV Hollenshead #2	B3	66	20,672	720
Richard Harshman & Son	3	73	19,151	716
Jaye & Jc Young, Jr	3	58	19,100	712
H Lester Oyler Est	3	75	18,389	705
Alvin Meyers	3	54	17,227	698
John A Witmer	B3	35	18,849	693
Harold Goshorn	B3	75	17,998	689
Robert E Harwood	3	90	18,968	688
Clinton Stahl	B3	57	19,328	686
Virgil Daryl Crider	B3	85	18 711	685
Edwin R Eby	3	59	17 447	679
Wayne A Hall	3	35	18 443	678
Lawrence Lehman	G3	70	17,542	677
Dennis W Bricker	B3	35	18 418	677
Preston M Frey	B3	31	18,113	676
Carl O Stuff	3	50	18,396	671
Rebeken Farm	B3	90	17 636	668
Carl E Hawbaker	G3	53	17,791	668
Donald L Brechbill	B3	32	18 024	665
Reuben Martin	B3	30	17 582	664
Frank S Heberlig	3	23	17 460	662
Mark W Meyers	3	88	18 310	662
Ray Wingert	3	46	17,656	661
Mike Flannery	B3	66	18 637	661
Roger Beck	B3	66	16 898	660
Gaymere Farms	3	185	17 178	660
Ivan D Horst	3	54	17 312	660
Howard & Steve Mellott	B3	97	17 585	657
George Skelly	3	75	17 629	657
Burk Lea Farms	3	116	18,787	657
Kenneth L Caufman	B3	37	16,625	656
Walter N Ocker	B3	43	17,919	655
Keeners Dairy	B3	116	17,164	654
Kenneth E Oliver	3	26	16,718	654
Hamilton Height Farm	B3	162	18,260*	652
Raising Kane Farm	3	41	16,780	650

* Indicates 3 Times A Day Milking

Listed below are completed lactation of 850 lbs. of butterfat or over.

Owner Name or No.	Brd.	Age	Days In Milk	Lbs. Milk	Lbs. Fat
George Skelly Iva - 17	RH	5-3	305	21,474	940
Harold L Wenger Rbnda	RH	6-9	305	23,756	937
Harold Goshorn 45	GH	8-7	305	22,409	922
Hamilton Height Farm 27			305	25,025	896
H Lester Oyler Est Elain -80	RH	3-0	305	20,186	888
D B Wilhide & Sons Helga	RH	3-5	305	20,582	880
Alvin Meyers Glow - 4	RH	8-9	305	21,038	879
Wayne A Hall Jesca - 14	RH	5 9	305	23,031	878
Ivan D Horst 3	RH	3-4	305	23,923	876
George Skelly Fran - 61	RH	6-10	289	19,948	870
Alvin Meyers Janie - 33	RH	4-10	305	23,175	867
Robert E Harwood 23	RH	5-3	305	22,709	866
James & Nina Burdette Ha Ha	RH	6 10	305	18 836	865
Ernest & Anna Bert Gay	RH	5 10	305	21 896	864
Kenneth E Oliver Liddy	RH	3 5	305	21 728	852

WASHINGTON COUNTY DHIA
May, 1985

Marlin Martin	41	62 5	19 487	721
William H Price	62	61 9	19,022	724
Edgar Paul Pryor	96	61 2	17,783	678
Arthur G Rhoderick	132	60 3	18,135	683
Gilson R Martin	24	59 9	19 242	697
Donald & Erika Martin	44	56 9	19 137	675
Marvista Farm	84	56 0	17 534	650
Roy J Byers	28	53 7	17 302	661
F Ernest Barnhart	92	53 3	17 949	672

LUZERNE COUNTY DHIA
April, 1985

Robert Hough	RH	54.4	88.0	18,936	743
Pecora Bros	RH	169.2	89.1	18,893	675
Larry Baron	R&GrH	61 1	86 4	15,993	646
Wm Dagostin&Son	R&GrH	111.6	83 6	16,518	635
Carl E Troxell	R&GrH	52 1	84.2	16,775	632
Hillside Farms Inc	RH	89 2	82 8	16,522	610
D & D Moyer	R&GrH	57 0	87 9	15,553	604

Cows Finishing Their Lactation Period
Over 750 Lbs. Butterfat

Hillside Farms Inc 319-75	RH	10 5	305	19,744	3 9	773
Rose-48	RH	6 4	305	17,455	4 4	767
Fred Shultz Rena--4	RH	6 8	303	19,498	4 5	883
P Larock & Sons Truly	RH	5 4	305	14,803	5 1	756
Wm Dagostin&Son 4998	RH	3 8	305	25,284	3 4	848
Carl E Troxell 51	RH	4 10	285	18,605	4 1	764
Robert Hough Doris-2	RH	8 0	305	21,044	4 4	933

SULBRA COUNTY. DHIA
April, 1985
Records made on A.M.-P.M. Alternate Method are designated by A.
ROLLING HERD AVERAGES-(650 LBS. BUTTERFAT AND OVER)

Richard R Higley	3	89 8	83 0	17,697	735
Dennis-Vickie Boyd	3	32 3	86 4	20,288	732
Raymond Norconk	3	40 5	88 5	18,990	701
Bobwood-Acres	3	46 6	87 4	19,149	687
William B Hart	3	72 7	89 0	17,559	673
Lambert Farms	3	125 2	89 0	17,689	668
Joan M Woodhead	3	29 7	86 0	17,340	667
Ronald Hembury	3	93 6	85 7	16,509	665
D and D Hottenstein	3	55 0	84 8	18,322	665

COMPLETED LACTATIONS OF 750 POUNDS OR MORE OF BUTTERFAT

Richard R Higley Gwen	3	6 2	305	23,713	4 3	1020
Beauty	3	7 2	305	27 326	3 6	984
Gladys	3	6 7	305	17,848	5 0	890
Lambert Farms Mose	3	6 5	305	20 029	4 0	800
D and D Hottenstein Promise	3	2 5	305	20 636	3 7	756

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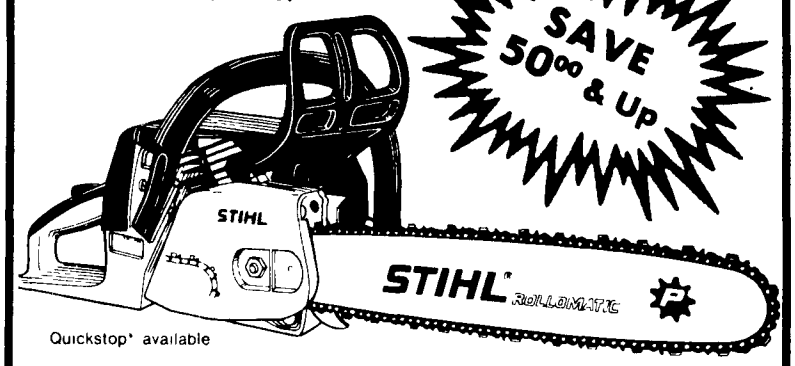

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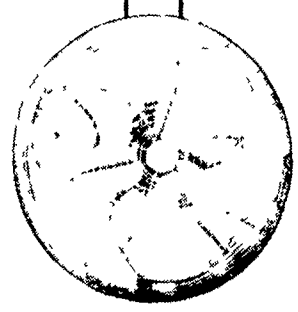

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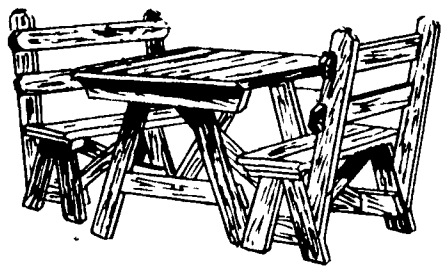

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June is dairy month

Farm Talk

by

Jerry Webb

Using your time wisely

What's a farmer's time worth? That's the question raised by a group of economists at Purdue University. They went about answering the question in a convincing, even amazing way. For instance, an hour gained at the right time might be worth as much as $300.

To figure this, the economists developed a computer model to look into more than 800 combinations of planting dates, harvesting dates, tillage methods, machinery sizes, soil types, technology packages, land rental, irrigation options, weather data and whatever else affects farm output.

The computer was programmed for a 1000 acre corn operation and optimum planting dates between April 25th and May 10th.

Computers don't give simple answers, so it's difficult to re-tell what it uncovered in the space available here. It did point to combinations of equipment and labor that would help a farmer get his corn planted at the best time, and handle the maximum number of acres. The economists were able to point to the bottlenecks and tell where an extra hour of effort would be worth $100–or in some instances much more.

What advice did the computer give? Boiled down to farmer language, it said:

- Do every job possible outside of the critical planting period–spreading fertilizer, preparing a seedbed, etc.
- Use large equipment to cover maximum acres in minimum time.
- Hire the extra labor needed to use expensive power and equipment to best advantage.
- Work longer hours during the critical period.
- Switch to a tillage system that takes less time per acre during critical time period.
- Hire some jobs done on a custom basis.

One thing for sure for corn and soybean farmers, there are a few very high paying days during planting and harvesting when things just have to go right. A one day delay, especially at planting, could cost hundreds of dollars.

This leads to a very important problem that the computer isn't able to deal with–the state of mind and body of that farmer during those critical days.

What if he's sick for a couple of days, or worried about being overdrawn at the bank, or there's an ill-tempered creditor hounding him or a thoughtless neighbor or city dweller calling him up at night to discuss some non-essential problem.

Or maybe his wife is bugging him to cut the grass or plow the garden or plant the mailbox or take her out to dinner. And the kids are in a play at school, and 4-H meets tomorrow night and Johnny needs help with his project report.

There are a thousand and one problems that a farmer faces and solves each day as he manages his business. But there are times–especially planting and harvesting–when everyone who has a stake in the success of that farm or the well-being of that farmer and his family needs to swallow those unnecessary bothers that keep a farmer away from the business at hand.

A little patience and understanding, a hot meal whenever he wants it, an avoided confrontation over any of a hundred little things that are part of farm life will help this man focus on the job that must be done.

Maybe this is one of the traps that a farmer can't avoid. His home is his business. He can't go off to work. It's like the artist or writer who works at home and so often gets nothing done because of the interruptions from family, friends, salesmen, and all the other door knockers and problem-bringers.

But through awareness maybe a family, even a community, can be trained to respect these periods of deep concentration and devotion to the job.

It could be money in the bank.

Forwood testifies before U.S. House ag committee

SYRACUSE, N.Y. – Earl R. Forwood, president of Eastern Milk Producers Cooperative Association, Inc., joined prominent agriculture leaders Friday, May 17, in testifying before the United States House of Representatives Standing Committee on Agriculture.

The Committee was in Syracuse to hold a public hearing on the 1985 Farm Bill.

Forwood urged the committee, chaired by Representative E. "Kika" de la Garza, to support the dairy industry by implementing a dairy plan based on the recommendations made by the National Milk Producers Federation.

The Federation's plan includes the continuation of the dairy price support program, the use of a dairy specific pricing index and the implementation of a supply-demand adjuster to the prices generated by the price index.

"We hope these recommendations will be helpful as you forge the dairy provisions of the 1985 farm bill," said Forwood.

"The future of our industry and its ability to provide an adequate supply of nutritious dairy foods to the American public at reasonable cost is in your hands."

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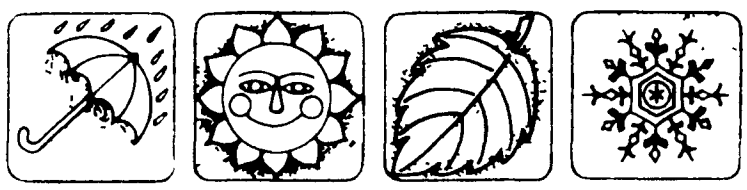

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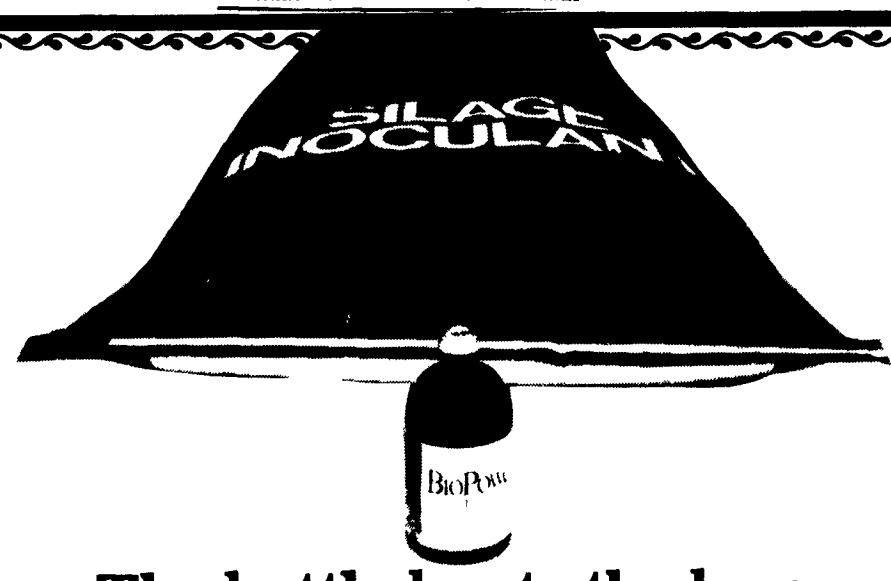

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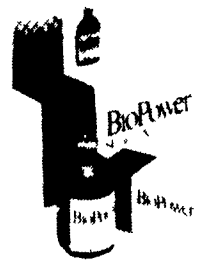

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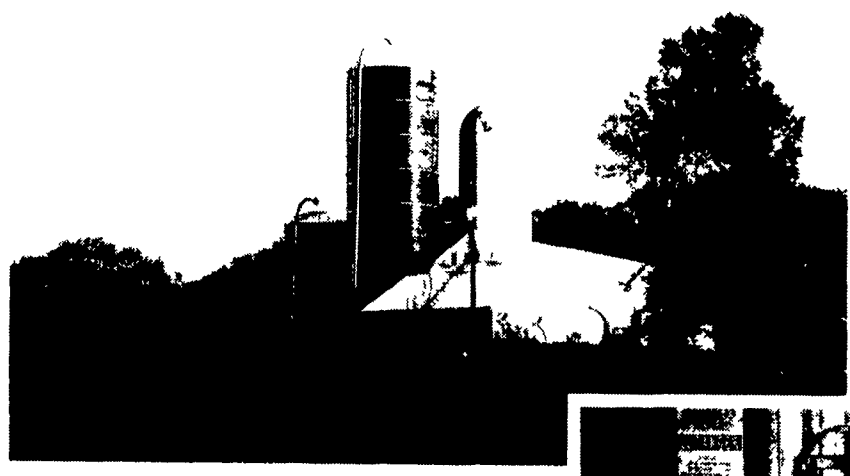

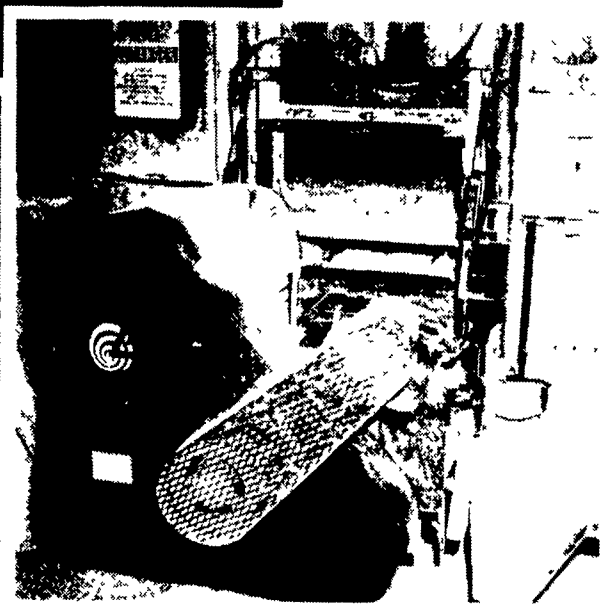

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June is dairy month

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Pacific trip 'accomplished its purpose'

PARK RIDGE, Il. – The American Farm Bureau Federation's Pacific Rim market development mission "accomplished its purpose of alerting our trading partners to our government's intention to promote market-oriented commodity pricing," said Robert Delano, president of the nation's largest farm organization.

Delano and ten state Farm Bureau presidents recently completed an 11-day visit to Indonesia, Malaysia, Singapore, Australia and New Zealand. The delegation met with farmers, commodity importers, government officials, U.S. commodity promotion representatives and U.S. embassy officials.

"In all our visits, we stressed that American farmers stand behind our country's decision on trade policies. We are commited to a market-oriented farm program to price our agricultural exports more competitively," the farm leader said. "We also emphasized we are reliable suppliers and are able to satisfy their needs for quality agricultural products."

Delano said discussions with foreign farm leaders helped the U.S. farmers "see the concerns and problems faced by farmers in other lands. And the foreign farmers now understand us better as well. They are impressed and concerned about U.S. farm exports that are priced competitively and are wary of bonus export incentives. They also know that we will join them in fighting protectionism."

The value of U.S. agricultural exports to the countries visited exceeds $750 million a year. According to Delano, the developing and developed countries of the Pacific Rim offer "tremendous opportunities and challenges. The developing countries offer growing, attractive markets as their per capita income increases and they are able to afford our farm exports. We must maintain a close working relationship with the developed countries of the area since they could be our major competitors. The meetings we had on this trip will go far to make sure we all play by the same rules."

In addition to Delano, the trade mission delegation included Elton Smith, AFBF vice president and president of the Michigan FB, and nine state FB presidents – Henry Voss, California; Keith Propst, Colorado; Marion Stackhouse, Indiana; Ray Mackey, Kentucky; Peter Curra, Maine; Rob Hukari, Oregon; Richard Ekstrum, South Dakota; S.T. Moore, Virginia and Fred Butler, Sr., West Virginia.

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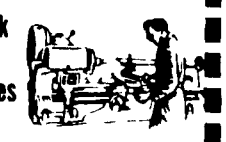

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Dealing with European corn borers

NEW YORK — Will European corn borers strike corn fields this year? According to Bill Pagano, product manager for Stauffer Chemical Company, springtime weather will be the key in determining the answer. Weather conditions in late May and early June play a very important role in borer infestations, he says.

Corn borers caused heavy damage in much of the Corn Belt last year, Pagano notes, and large overwintering populations mean there's good potential for more of the same this season.

But by watching the weather, scouting fields throughout June and into July, and treating with an insecticide if necessary, corn producers can prevent this destructive insect from chewing into profits, he adds.

Losses from the corn borer come in many forms. Poor ear development, broken stalks and dropped ears all add up to a reduction in yield. Yield losses can be extremely high during severe infestations, especially if damage begins just before the tassel emerges.

University research has shown that each corn borer established in the stalk can take from five to 10 percent of the yield potential. Some University studies in the Midwest showed that untreated acres suffered losses of up to $40 an acre.

To prevent such yield reductions, start watching weather now, when borers are beginning to mate. Mild weather will warm nights is the perfect situation for a large infestation to occur. On the other hand, beating rains can destroy the moths. Or if it's too cool at night, the moths won't fly to lay their eggs.

Besides weather, early planting dates can affect the size of a European corn borer population. Fields planted early provide favorable conditions for egg-laying moths and can result in heavy infestations.

No matter when you plant, don't depend on planting-time treatments for corn borer control, Pagano notes. Despite some manufacturers' claims, these treatments will provide only slight suppression of first-broad borers

"Other factors involved in the size of a borer population include winter weather and type of tillage involved in corn production," Pagano points out. "A mild winter, like last year's, and the fact that more people are turning toward conservation tillage, indicate potential for sizable corn borer problems occuring in 1985."

European corn borers overwinter as larvae in corn stalks, cobs and plant debris on the soil surface. Therefore, more corn borers may survive in the unplowed stalks of a conservation tillage system than in stalks that are plowed under.

The size of a borer population can also be affected by the previous year's outbreak. "When an infestation is high like the one last year, a large overwintering population may result," Pagano says. "And with this comes the possibility of a heavy infestation the following season."

Scouting in June and July is another important step for preventing corn borer damage. For first brood European corn borers, several observations should be made after the moths begin to fly.

Eggs are laid in masses of 15 to 30 on the undersides of leaves. Early feeding appears as "shot-holes" in leaves as they grow out of the whorl. Midribs of leaves may break as a result of tunneling.

When 50 percent of plants show feeding, treatment is recommended, Pagano says.

"An over-the-top application with a granula herbicide, is worth approximately five bushels of corn per acre, including application," Pagano reports. "But bushels lost due to the corn borer can easily exceed that amount in most corn-producing states."

However, Pagano says, it is important to treat corn before borers invade the stalk. "If you treat too late, then you won't see the economic return from it," he says.

Granular insecticides work best because they collect in the whorls of corn plants, where corn borer larvae enter the stalk. Because sprays don't collect in the whorls, they have a shorter time period of effectiveness.

Irrigating vegetable crops

NEWARK, DE — Farmers who grow vegetables on plastic with drip irrigation should not only irrigate the crop, but also maintain adequate moisture conditions under the plastic, says University of Delaware extension vegetable specialist Ed Kee. Once the sandier soils of Delmarva become dry, it's very difficult to reestablish and maintain soil moisture.

With most cucurbit crops, the better the vegetative growth, the better the yield potential because there are more opportunities for flowers, and the increased leaf area supports a larger crop, the specialist says.

So it pays to irrigate during dry periods while plants are still in the juvenile stage. Irrigation also improves the survival rates of transplants.

For most crops the need for water is most critical during flowering, fruit or pod set, and fruit or pod enlargement. However, says Kee, many crops show yield responses to earlier irrigation.

He recommends growers use tensiometers set at depths of 8 and 18 inches to aid in making irrigation decisions. A tensiometer measures soil moisture tension, indicating the percentage of moisture that is available to the crop. Research on a wide range of vegetables has shown that there is a positive response when soil moisture is not allowed to become depleted by more than 50 percent before irrigating.

"Growers must weigh the costs involved in turning on a system and operating it, versus the potential for yield increase at any particular point in the season," Kee says. "Sometimes it may not be as critical to irrigate. But it's a mistake to wait too long.

"Of all the factors which can adversely affect vegetable yields on Delmarva, water—or lack of it—is the most important," he concludes. "Keeping on top of and ahead of soil moistrue conditions can pay off by the season's end."

Options trading

NEWARK, DE — Grain farmers who would like to learn more about how to use agricultural options as a marketing tool can obtain useful information from a new extension fact sheet, "Selecting and Using Agricultural Options," published by the Delaware Cooperative Extension Service.

The three-page fact sheet contains a brief description of agricultural options, tells how to determine when it will pay to use one, and discusses the pros and cons of buying put options and selling grain on the futures market. There is also a glossary of economic terms growers need to understand when trading agricultural options.

To obtain a copy of this fact sheet, contact extension crops marketing specialist Carl German, Townsend Hall, University of Delaware, Newark, DE 19717-1303 (302-451-2511).

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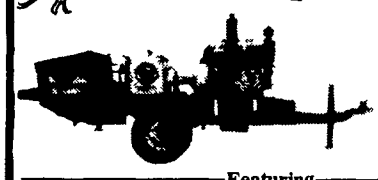

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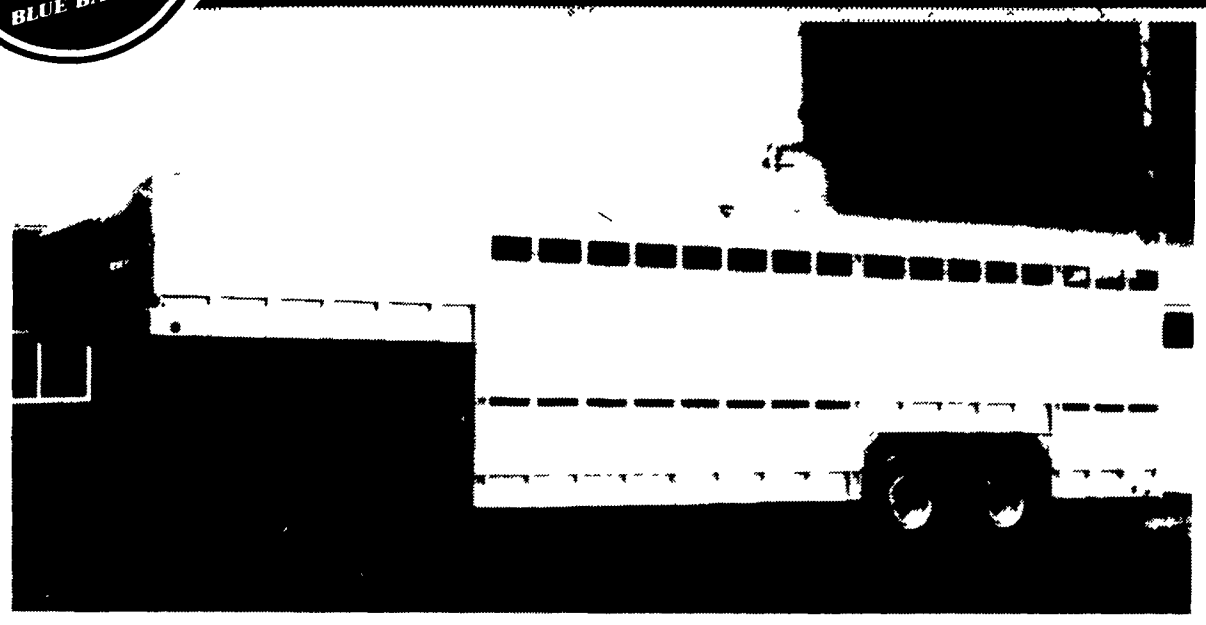

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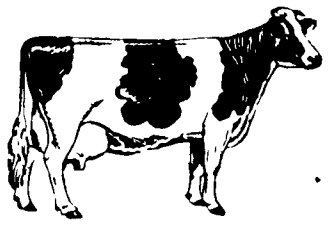

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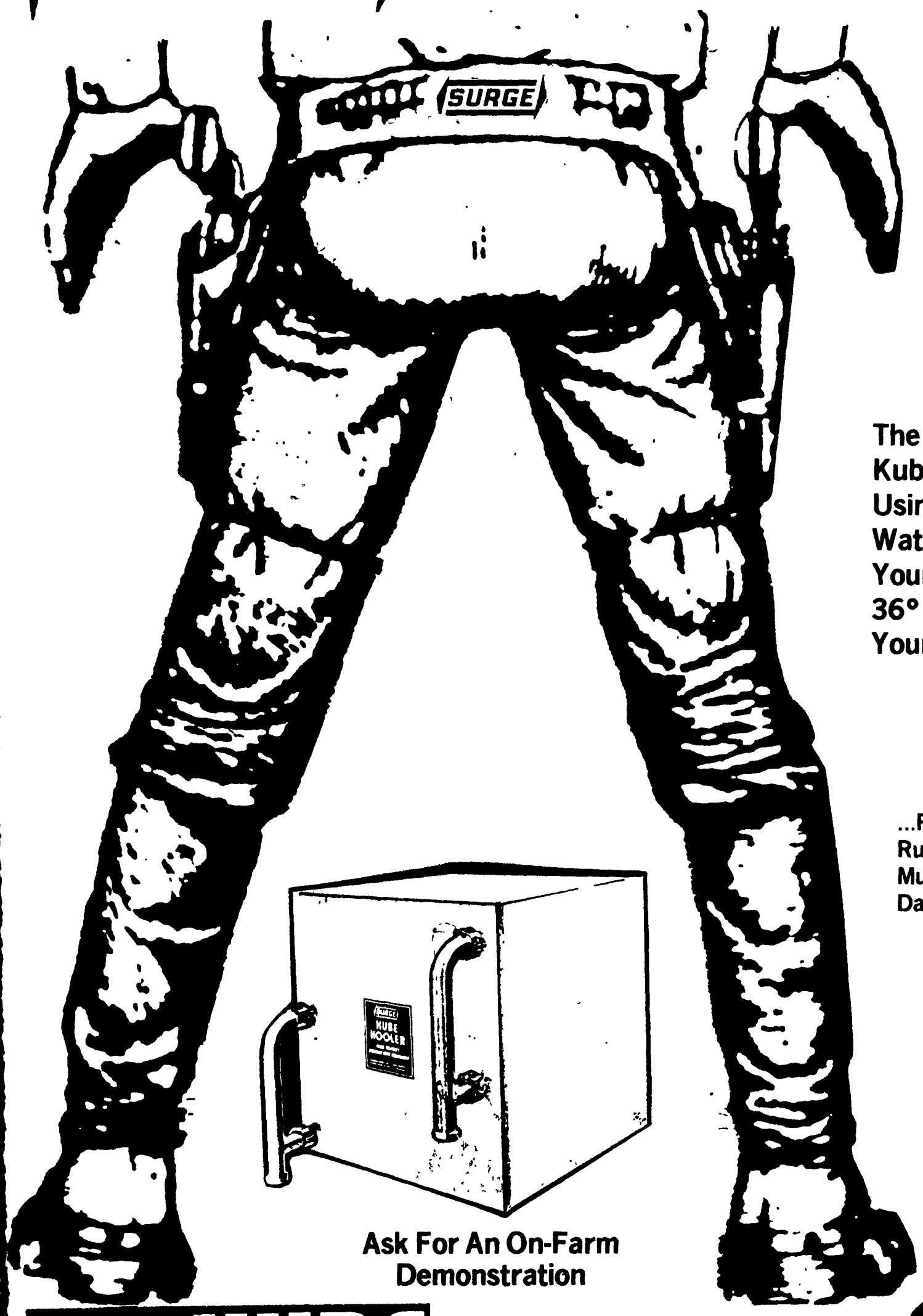

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German firm completes A-C acquisition

MILWAUKEE, WI — Allis-Chalmers Corporation and Klockner-Humboldt-Deutz AG (KHD) of West Germany have jointly announced that KHD has purchased major elements of the Allis-Chalmers agricultural equipment business, including the Allis-Chalmers Credit Corporation.

Klockner-Humboldt-Deutz is establishing a new company in North America, named Deutz-Allis Corporation, for the manufacture, marketing, distribution and financing of agricultural equipment.

At the closing in New York today, Allis-Chalmers received a cash payment of approximately $107 million, and it also will have an opportunity to participate in future profits of the new business.

Completion of the transaction was annoucned by Bodo Liebe, chairman of the Klockner-Humboldt-Deutz Board of Management, and Wendell F. Bueche, president and chief executive officer of Allis-Chalmers. A preliminary agreement had been announced on March 28.

"This action by Klockner-Humboldt-Deutz is a major strategic move to strengthen our worldwide position in agricultural equipment," Liebe said. "By combining the many special attributes of Allis-Chalmers in farm equipment, including products, dealers and organization, with the many strengths of Deutz, we are convinced that our new entity will be a major force in the North American market."

"For Allis-Chalmers," Bueche said, "this transaction marks the end of an eventful era in our history. At the same time, it signals a promising new future in which we will be able to fully concentrate our human and financial resources and special technologies on worldwide opportunities for our well respected process equipment capabilities and other businesses."

KHD and Allis-Chalmers said that the following elements of the Allis-Chalmers Agricultural Equipment Company and the Allis-Chalmers Financial Services Company are included in the transaction:

- The Combine Division and its plants in Independence, Missouri, and Topeka, Kansas;
- The central parts distribution center in Batavia, Illinois, and all parts locations in North America;
- The sales, marketing and administrative organization;
- The Allis-Chalmers Credit Corporation and the Allis-Chalmers Financial Corporation, which furnish wholesale and rental fleet financing for dealers, lease and finance plans for retail customers and related insurance services;
- Sales and marketing of implements and lawn, garden and snow removal equipment;
- Designs and specialized product tooling to make existing Allis-Chalmers tractors, diesel engines and service parts.

As previously announced, Allis-Chalmers said that the Allis-Chalmers tractor plant in West Allis, Wisconsin, and diesel engine plant in Harvey, Illinois, are not included in the transaction, and it is anticipated that the tractor plant would be phased out by the end of 1985 and the engine plant by mid-1986.

The transaction calls for Deutz-Allis Corporation to purchase from Allis-Chalmers tractors, engines and related service parts until the plants are phased out.

"Employees of acquired operations will continue under the new ownership," KHD and Allis-Chalmers said. "Deutz-Allis Corporation has its headquarters within the Allis-Chalmers West Allis Center Complex. Deutz-Allis Credit Corporation is a wholly-owned subsidiary of the new company and also is headquartered in the West Allis Center."

Klockner-Humboldt-Deutz, headquartered in Cologne, is one of the largest industrial companies in both Germany and Europe. It developed from the first engine factory in the world, founded in 1864, and today is the world's largest producer of air-cooled diesel engines and a major European manufacturer of tractors, combine harvesters and other agricultural machinery under the Deutz-Fahr name. Its worldwide busiensses also include the planning, construction and erection of industrial plants and machinery.

Two other wholly-owned KHD subsidiaries in the U.S. are KHD Deutz of America Corporation, which manufactures and assembles air-cooled diesel engines in Richmond, Indiana, and Deutz Corporation, Atlanta, Georgia, which markets KHD farm equipment in North America. The North America farm equipment activities will be merged with Deutz-Allis in the near future, KHD said.

Allis-Chalmers traces its roots to a predecessor company which was founded in Milwaukee in 1847 and manufactured milling equipment and other industrial products. It grew as a supplier of mining, power and process equipment and entered the agricultural equipment business in 1914. Today, Allis-Chalmers process equipment operating companies hold a number of leadership positions in the fields of air quality control, fluids handling and solid materials processing.

Bickel named Inter-State District 15 director

SOUTHAMPTON — A 17-year member of Inter-State Milk Producers' Cooperative was named the new District 15 director, President Robert B. McSparran announced at the Board's May meeting.

Harry L. Bickel, West Chester, replaces Richard H. Steele, who resigned from the Board this month. Steele, no longer an active dairyman, was elected a director in 1982.

Bickel, 39, farms in partnership with Charles W. Davis Jr. on a 300-acre farm in Chester County. The dairymen own 200 head of grade and registered Holsteins, which includes a milking herd of 58 cows.

The son of former Inter-State Director Harry H. Bickel, the new director is an active cooperative member. He has held several Inter-State district and local offices, including president, secretary/treasurer and annual meeting delegate.

Active in community affairs, Bickel is a deacon at Dilworthtown Presbyterian Church. He serves on both the Agway Brandywine board of directors and the Agway West Chester Petroleum Committee.

He and his wife, Beth, are members of World Wide Marriage Encounters and help coordinate marriage enrichment programs. They are the parents of three children — Donna, 17, Harry Jr., 15, and Randy, 12.

A firm believer in Inter-State, Bickel said his goals are to help maintain cooperative membership and to continue the support of dairy promotion programs.

Inter-State District 15 covers all of Delaware County and the southeastern part of Chester County.

Eastern extends dairy products division to NEDCO members

SYRACUSE, N.Y. — Michael Donovan, General Manager of Eastern Milk Producers Cooperative Association, Inc., has announced the extension of their Dairy Products Division distribution system to the members of NEDCO (Northeast Dairy Cooperative).

Eastern will serve the NEDCO membership through their extensive distribution system, headquartered in Canton. This system currently serves farmers in a 10-state area, including other cooperatives such as Dairylea, Lehigh Valley Farmers, and Milk Marketing, Inc. NEDCO member dealers will have the opportunity to participate in the Dairy Products distribution system if they so desire.

NEDCO members will be contacted by their headquarters concerning this program and will receive product order blanks for use in ordering dairy products and supplies.

"This combined effort of Eastern and NEDCO will enable us to better serve the membership of both cooperatives and the dairy industry by avoiding the duplication of services to area producers," commented Donovan.

Dean McCormic, General Manager of NEDCO, commenting on the agreement said, "NEDCO and Eastern's involvement in this agreement will prove beneficial to members of both cooperatives."

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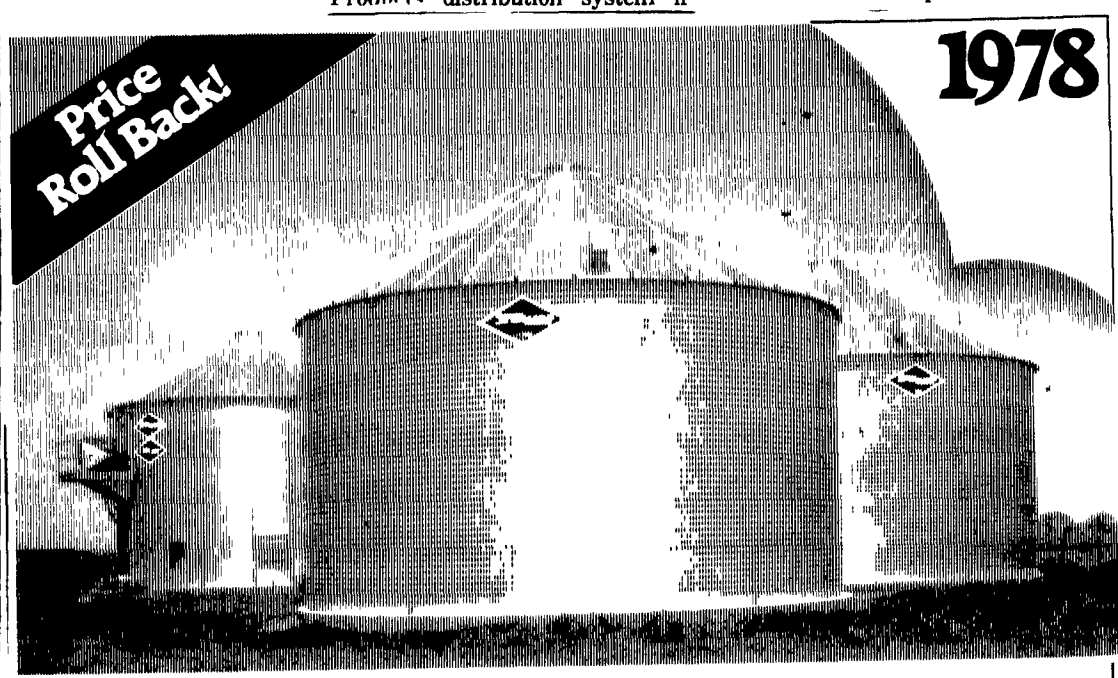

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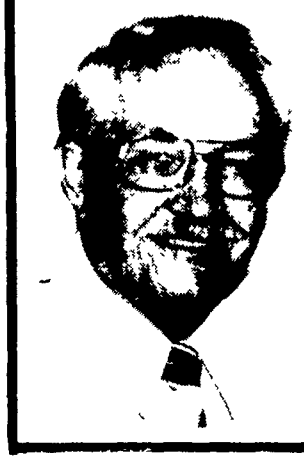

The Dairy Business
By Newton Bair

ON THE ROAD AGAIN: SEEING AMERICA

This may not be the best time or place for a travelogue, but after returning from a 6000 mile drive around the country I find it hard to keep silent about what I saw.

Always impressed with the size, scale and scope of our land, I look for anything that is different from local experience as I travel. The differences in climate, soils, rain patterns, and geography are most striking, particularly as these things affect the pattern of farming. It's hard to be bored when you travel with both eyes open and your mind alert for the new and the different.

Spring weather was still trying hard to get off the ground when we began our odyssey in early April. Heading south, we soon realized that we were catching up to summer long before it would reach Pennsylvania. In eastern Tennessee we saw the first corn fields with the green showing along the row.

In Alabama and Mississippi, cotton and rice fields were ready for planting. Some rice was already growing in Louisiana and eastern Texas.

Paddy rice is a fascinating crop. The paddie must be as level as the kitchen floor, because right after planting they are flooded with about six inches of water. That assures quick germination as well as guaranteed weed control. The paddie are kept flooded most of the growing season until near harvest time, when they are drained and expected to dry up enough to support the big combines with wide flotation tires.

The levees that sustain the floodwater follow strange patterns of contour. They must be absolutely level, so that even in a field that appears level to the eye, the contoured levees twist and turn like a snake across the terrain. They may vary in width from a few feet to a thousand feet, producing a surrealistic pattern when viewed from high ground.

The other essential requirement is the abundance of water that can be easily controlled. That's why the river flood plains of the southern Mississippi valley lend themselves so well to this type of farming.

So, when travelling through southern Mississippi, Louisiana and eastern Texas, you are not so likely to see silos and hay or grain storage structures. You are most likely to see lots of rice elevators, mostly owned by local co-ops. Next in abundance are the cotton gins, with dozens of large, mesh-covered wagons sitting around.

And every John Deere or IH dealer has a yard full of odd-looking contraptions that I finally figured out are cotton pickers. They look somewhat like a corn picker, with row crop snouts, and have a large mesh-enclosed basket mounted on top to hold the fluffy cotton. The freshly plucked cotton balls, with seeds and trash still mixed together, are dumped into the oversized wagons for transport to the local gin. Most gins also have a seed processor nearby to process the seed for oil and livestock feed.

And while we are on this discussion of river-bottom farming, I must mention aquaculture, specifically, catfish farming. It requires acres of shallow freshwater ponds, and a very specialized type of management. The catfish are fed a specially blended ration, and with good management will produce three to four tons of meat per acre harvest. they can be harvested several times a year, rain or shine.

We met a farm family from Mississippi who make their living on sixteen acres of catfish ponds. Ponds are harvested on a rotation basis, taking everything over about two pounds and leaving the smaller ones to grow some more. They are marketed through a quick freeze co-op that supplies thousands of restaurants with fish. Obviously, they don't spend their time lounging on the pond bank with a can of worms and hook and sinker. It's all very businesslike, gathering the catfish with a special seine that lets the little ones through and only holds the big ones.

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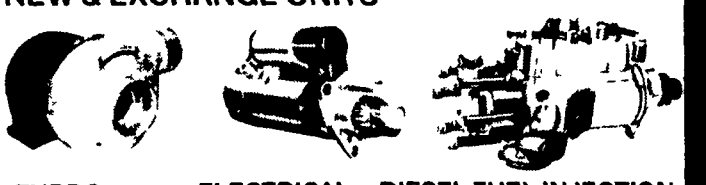

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April, 1985

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Charles L Forgy	H	48 6	88 1	19,287	748
Paul L Zook	H	52 0	88 2	20,519	728
Bradstead Farm	H	37 2	90 0	20,070	727
David T Hostetler	H	35 7	88 7	18 783	725
Merle E Yoder	H	38 1	88 0	19,168	723
James G Laughlin	H	42 8	90 3	18,876	722
Louis S Peachey Jr	H	55 1	84 2	18,793	720
Kore E Yoder	H	53 6	88 6	18,840	717
Sylvanus S Peachey	H	92 2	89 2	19,203	712
Frank J Hartzler	H	60 1	90 6	18,963	712
Joseph E Kurtz	H	48 9	86 7	19,054	708
Byler Brothers	H	89 6	85 3	18,810	705
James L Hostetter	H	45 3	92 2	18,315	702
Peachee Farms	H	65 8	89 3	17,631	698
Mark S Yoder	H	87 2	87 2	17,639	695
John L King	H	47 3	86 4	18,132	695
Kore J Peachey	H	56 4	87 9	18,052	694
David W Yoder	H	67 0	88 2	18,369	692
James H Allison	H	38 9	85 3	19,232	691
Aquilla I Yoder	H	78 8	89 7	17,630	690
Joshua D Yoder	H	54 0	86 3	18,274	688
James O Reed	H	30 8	90 4	17,684	687
John K Kauffman	H	82 5	85 2	18,280	676
J Loren Yoder	H	35 8	89 7	17,605	675
Robert Stayrook	H	29 7	86 9	17,718	675
Leroy Kauffman	H	50 2	87 9	19,056	675
Marvin E Peachey	H	54 4	89 1	17,893	674
John B Peachey	H	63 8	90 3	18,623	673
Russel L Kline	H	51 5	86 6	18,061	672
G Sheldon Peachey	H	44 1	87 6	18,257	669
David R Spicher	H	76 8	90 0	17,750	663
John A Yoder	H	39.8	85 5	18,224	658
Ronald R Kanagy	H	31 4	86 4	17,522	656
Irvin H Fleming	H	83 5	90 2	17,032	652
LJ Dunmire Sons	H	84 1	88 7	18,196	651

Owner Name or No.	Brd.	Age	Lbs. Milk	Lbs. Fat
Percy S&R Glenn Yoder				
Marge	H	5-8	20,431	886
Misty	H	3-8	21,304	825
Jonas B Kauffman Jr				
Astra	H	8-4	21,197	756
Kore J Peachey				
Dorcas	H	8-11	18,381	790
James H Allison				
Gail	H	5-0	19,870	820
James O Reed				
Ori	H	4 9	19,800	752
John L King				
Carrie	H	7-8	23,183	995
Criss	H	5 7	18,793	853
Liza	H	4-8	21,230	850
John A Peachey				
Helen	H	4-10	22,729	834
Joshua D Yoder				
Boots	H	9 8	22,501	766
Bossy	H	7 0	19,597	829
Mark S Yoder				
#494	H	5 9	23,084	942
Kore E Yoder				
Demand	H	4 7	23,394	807
Lilly	H	2 7	18,570	757
John B Peachey				
#140	H	5-8	21 989	779
Louis S Peachey Jr				
#10	H	3 0	16,119	762
#92	H	2 7	20,494	776
John A Yoder				
Bernice	H	3 1	19,937	756
Charles L Forgy				
#31	H	13-7	17,250	760
#3	H	4 4	25,169	874
John T Kurtz				
#27	H	3 7	23,942	799
Vernon L Kauffman				
Katie	H	5 7	22,510	766
Robert Stayrook				
#10	H	4 4	18,767	806
#37	H	7 5	22,234	779
David W Yoder				
#72	H	5 1	22,961	898
Paul H Yoder				
Hope	H	9 11	21,054	823
Freda	H	4 4	17,850	751
Chica	H	3 9	23,691	785
Ed Glick				
Rocket	H	8 5	16,512	757
G Sheldon Peachey				
Nora	H	9 1	23,374	822
Tidy	H	3 2	21,260	814
David T Hostetler				
#75	H	4 7	21 130	780
James G Laughlin				
Jenny34	H	5 8	22,418	917
Janet37	H	6 2	17 380	800
Elmer S Peachey				
Happy	H	5 5	19,039	791
Herbert H Keiser Jr				
Sammi	H	8 5	23,769	815
Byler Brothers				
#118	H	3-8	18,618	857
#7	H	3-7	19,529	819
#89	H	2-10	20,221	785
David C Yoder				
Edda	H	6-3	23,289	812
Enos J Kurtz				
#15	H	3-3	21,786	862
Marvin E Peachey				
Audrey	H	3-5	16,123	832

HUNTINGDON COUNTY DHIA
April, 1985
TOP HERDS-ROLLING HERD AVERAGES

Owner	Brd.	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
Edwin Steach	3	69 4	86 2	20,533	769
Daland Farms	3	107 8	87 9	18,951	737
Sangrey Bros	B3	105 8	89 0	18,829	726
John S Kyper	B3	47 1	87 6	19,959	718
Gerald E McMath	3	75 7	87 1	18,914	704
Glenn Peachey	3	77 8	88 7	18,831	703
Evergreen Farm No 3	B3	385 5	84 8	18,945	701
Locust Lane Farm	B3	88 3	86 9	18,160	690
Behrer Farms	B3	166 7	87 5	18,822	688
Gregory&Nancy Yocum	B3	28 7	92 6	17,206	685
Gibboney Farms	3	55 7	87 1	19,180	683
Gillbrook Farms	B3	175 6	86 4	19,124	671
Branstetter Farms	B3	75 0	77 7	18,551	670
Chester & Carole Smith	B3	122 4	86 6	18 306	666
J Frederick Kyper	3	25 6	82 8	17 214	661
Breezy Hollow Farm	3	71 9	84 8	18,416	660
Joseph M McMath	3	53 8	85 0	17 608	658
Max Isenberg	B3	82 0	87 6	18 492	655
State Correctional Inst	3	156 0	86 6	16 240	651

Owner Name or No	Brd.	Age	Days In Milk	Lbs. Milk	Lbs Fat
Evergreen Farm No 3					
1309	3	6 5	305	25 863	969
1288	3	6 2	305	25 511	896
1601	3	4 1	305	21 480	851
1647	3	3 9	305	25 127	844
1558	3	4 6	305	22,005	838
1612	3	3 8	305	17 804	821
1410	3	6-5	305	21 330	796
E James McMath					
Jody	3	2 8	305	22 554	967
Beverly	3	3 3	305	20 273	831
Pride	3	8 4	305	21 785	820
Durbin Farms					
Royal	3	3 6	305	21 151	959
Cristy	3	3 7	305	19 031	762
Sangrey Bros					
159Teri	3	3 8	305	25 595	930
63Pats	3	7 2	305	21 970	842
61Ali	3	7 6	293	21 220	813
97Bery	3	4 8	305	22 236	792
Behrer Farms					
254	3	4 1	305	22 644	925
251	3	4 2	305	21 555	833
247	3	4 3	305	21 914	831
Gillbrook Farms					
Chri522	3	5 5	305	23 957	896
1481	3	4 11	305	21 730	815
BV 1556	3	0 0	305	21 987	797
Branstetter Farms					
Mimi	3	7 10	305	23 677	892
Moll231	3	9 8	305	24 844	857
Molody	3	3 4	305	24 752	833
474	3	1 11	305	19 605	775
State Correctional Institution					
644	3	4 2	305	21 096	887
Duane & Carolyn Eberly					
9	3	5 3	305	21 706	818
Curfmans Dairy					
52	3	5 11	293	19 977	816
Globe Run Farms					
Muffin	3	4 8	305	22 429	792
Ed & Sharon Parsons					
9	3	4 9	305	18 958	792
Locust Lane Farm					
0107	3	5 5	305	20 582	785
Y 81	3	6 10	296	22 026	781
J Frederick Kyper					
Lisa	3	3 1	305	18 799	772
Howard & Nancy Wiggin					
37Nancy	3	4 1	305	21 021	770
Max Isenberg					
Billy51	3	4 0	305	18 773	761
John S Kyper					
52	3	3 1	305	23 001	760

CLEARFIELD COUNTY DHIA
April, 1985

Owner	Brd.	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
John Sankey	3	31 7	88.3	19,656	748
Orner Farms Inc	B3	74 2	87 6	19,840	745
R Wriglesworth&Son	B3	54 8	87 1	19,248	720
Duane Peters	B3	40 9	92 4	19,172	716
Glenn Hicks	B3	63 8	91 0	19,964	688

McKEAN COUNTY DHIA
April, 1985
Rolling Herd Average (Over 650 Lbs. Milk Fat)

John H Lapp	57	18,759	706
Orton Kinney	26	18,528	702
Charles Irons	80	16,747	692

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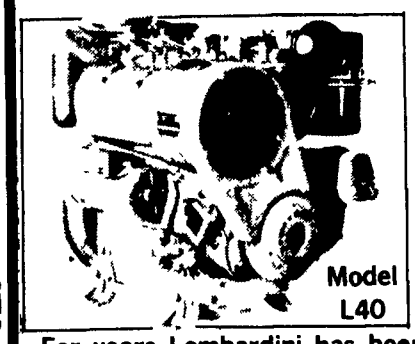

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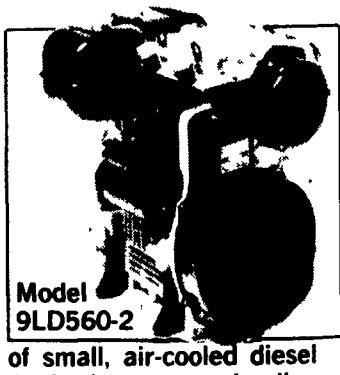

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DEALERS INQUIRIES INVITED

Preventing drug residues

By Lawrence Hutchinson
Professor of Veterinary Science
Extension at Penn State
and Sharon Harmon
Resident Assistant in
Veterinary Science at Penn State

UNIVERSITY PARK — In December of 1982, a survey was taken of Wisconsin dairymen who had experienced a drug residue violation in a calf they had sold during the year. The purpose of the survey was to determine cause of, attitude toward, and possible solutions to the drug residue problem in bob veal dairy calves, which are calves slaughtered at less than 30 days of age.

In answer to the question, "Did you inform the buyer that the calf had been treated?", the following responses were obtained:

- "We never thought about it because the calf was very healthy. We gave it a pill so it wouldn't get scours in shipping.
- "I only gave the calf a couple of pills. I didn't think there would be a residue."
- "I shipped the calf without knowing my wife give it medication."
- "The wrong calf was given medication. I didn't know the one sold was medicated."
- "We thought it would go for a feeder, and forgot about the pill."
- "I didn't think it would show."

These answers show that many producers still don't realize that even one pill can cause a residue and that the instructions for withdrawal times should always be followed.

Many young calves — both heifers and bulls — go directly to slaughter from the auctions barn. The responses to the second question, "Were you surprised it went to slaughter?", show a lack of awareness in the calf marketing industry:

- "I thought it would go for replacement." "It was a heifer."
- "I was surprised someone didn't buy the heifer calf to raise as a replacement." and
- "Because it looked good for a replacement."

The following remarks were made when respondents were asked for any other information or comments.

- "I didn't pay attention to directions on the jar, and I got two types of pills mixed up."
- "I don't think one sulfa pill hurts as much as the other preservatives put into meat. Why are we even allowed to ship such young calves when there is hardly any meat on them?"
- "Farming is hell!"
- "This was a medication I had never used on bull calves and I simply didn't realize there would be residue. Now I know."
- "Allowing a calf to get scours or pneumonia is very costly to a farmer. So, I imagine all farmers are using some source of preventative measures with their replacements."
- "The drug previously used had a seven-day withdrawal and I didn't realize the Neo-Sul junior has 30-day withdrawal."
- "We were busy harvesting corn. About three or four members of the family fed calves during this busy time. I was not aware the calf was even treated."

These answers were given to the question, "What do you believe to be the cause of most drug residues?":

- "People simply forget."
- "I don't believe that all farmers really believe that one or two little pills will possibly cause a residue problem big enough to be dangerous."
- "Routine treatment of any calves with antibiotics is the main cause."
- "You have no choice. Either let your calves die or treat them."
- "The government standard on drug residues is too high."
- "I think more farmers are raising more calves in crowded places. When they do that, they run into more disease problems, so they use more drugs."

The following responses were given as possible remedies to the situation:

- "County seminars, like pesticide seminars, would help."
- "More information should be made available."
- "I think we should continue what's being done. Most farmers don't think enough about it until they have a problem. I know I will be much more careful and never send another one to market until I'm sure it's safe."
- "More research and education should be mandatory."
- "Try to develop drugs with shorter withdrawal periods so you don't have to hang on to the calves so long afterwards."
- "Restrictions (on medications) should be as large as brand names."
- "An improved remedy with a three or four-day withdrawal time will solve a great part of the problem."
- "Writing on the containers should be larger."
- "Give us a decent milk price so we can cut down on the number of cattle on the farm."
- "Some milk replacers don't have the proper nourishment. And more information should be available on diseases that effect calves at this age."

In conclusion, there are many reasons that calves go to slaughter with drug residues still in their system. Not identifying treated animals, not reading the medication label, and not understanding the marketing system have all been implicated.

One of the best ways to avoid drug residues is to avoid the need to treat the calves by raising healthy animals. Adequate colostrum is extremely important — two quarts within two hours after birth. This gives the calf protection against many common diseases. Clean, dry housing with good ventilation is also important, and helps to prevent many respiratory diseases. These measures are much more effective than routinely giving calves a "pill."

For more information on producing healthy calves, contact your county extension agent.

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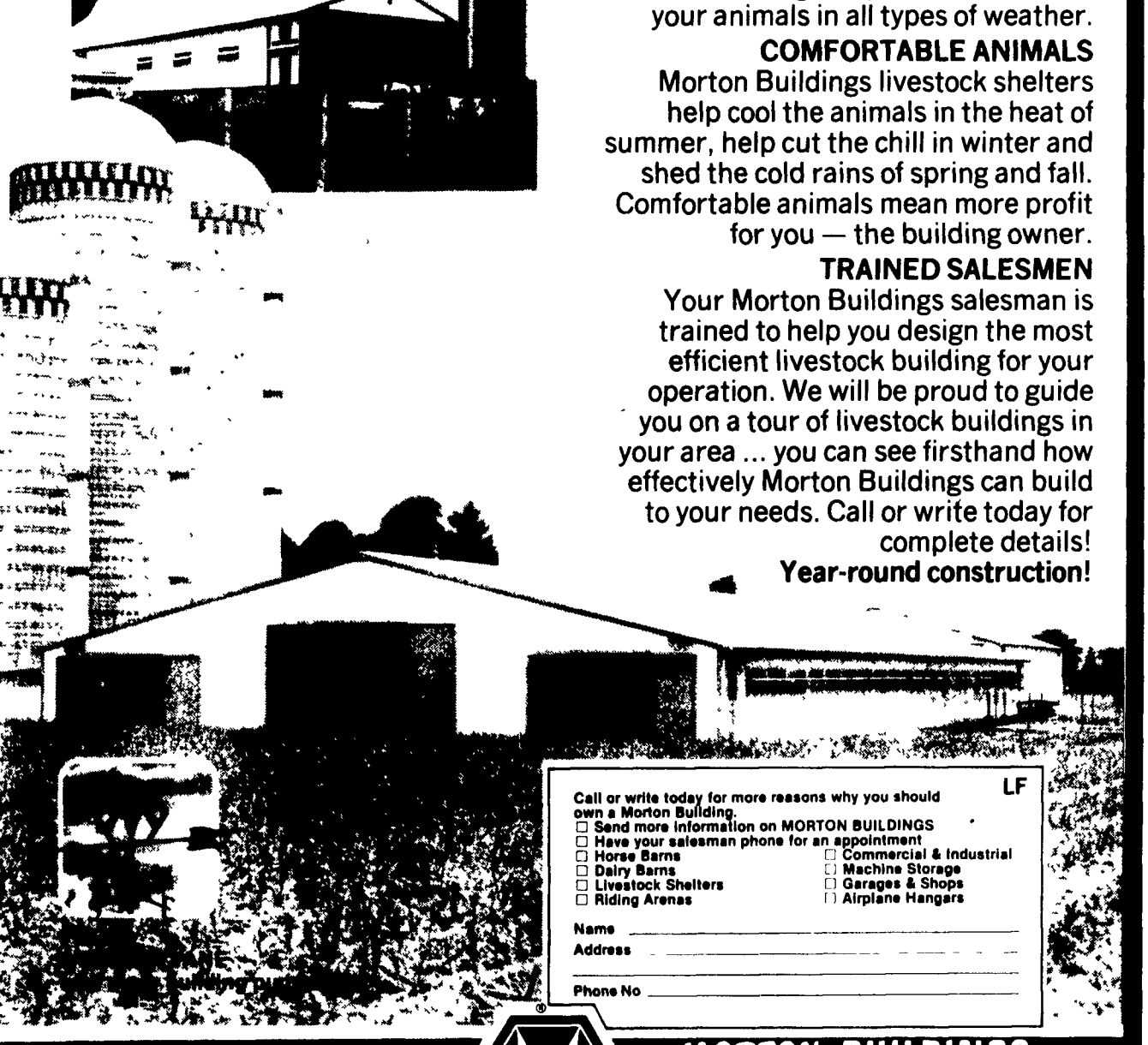

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Antibiotics in animal feed: weighing risks and benefits

USDA Farmline News Service

WASHINGTON, D.C. – It's been called a hazard to human health, and defended as a necessary agricultural practice.

The issue is the use of antibiotics in animal feed–not for treatment of a diagnosed disease, but as a regular part of the animal's diet. Added to poultry, hog, or cattle feeds in low-dose, subtherapeutic levels, certain antibiotics such as penicillin and tetracycline are effective in preventing disease and promoting growth in animals.

Although widespread, the practice has long been a controversial one, prompting a number of scientific inquiries.

Some scientists have concluded that the use of certain antibiotics in animal feed can result in the emergence of disease-causing bacteria that are resistant to antibiotics.

If spread to humans, say these scientists, such strains of bacteria could cause serious outbreaks of infectious diseases–diseases that would be difficult to treat quickly and effectively with the antibiotics available today.

But more questions are being asked than can be answered, says economist Clark Burbee of USDA's Economic Research Service.

Burbee says the available research has provided no certain conclusions. Some queries are centered on the actual existence of an animal-to-human link. Could these resistant bacteria affect anyone who eats improperly prepared animal products--or simply those who handle such products or have physical contact with livestock? Other questions are more basic, focusing on whether low-level antibiotic use in animals can even promote growth of antibiotic-resistant bacteria in large numbers–and whether such bacteria can be transmitted to and survive in humans.

Antibiotics Battle Disease

The questions are important, obviously, because of the major reliance on antibiotics in the treatment of life-threatening, as well as less dangerous, infectious human diseases.

Penicillin and its derivatives effectively combat a whole host of infections--meningitis, certain forms of pneumonia, strep and staph infections, and some venereal diseases. Other infections, such as those affecting the urinary tract, the eye, and the gastrointestinal tract, are effectively treated with tetracycline, says the Food and Drug Administration.

Penicillin and tetracycline are also two of the most widely used antibiotic feed additives, according to the Animal Health Institute, located in Arlington, Virginia.

"Drugs are used in animals for many of the same reasons they are used in humans," says Burbee. "No one wants animals to be sick or suffer, and it's just bad economics not to keep them as healthy as possible. Antibiotics are one tool to promote the efficient growth of animals and to prevent disease."

He adds, however, that the practice of adding antibiotics to animal feed may have become too routine, an excessively regular practice in the industry.

"We may not need to feed as much antibiotic today," Burbee says. Since such use started in the early 1950's, "livestock enjoy better nutrition and are produced under much better sanitary conditions. Other chemical compounds have also come along that serve growth promotion purposes and can be substituted for antibiotics."

The FDA Connection

In 1977, the Food and Drug Administration (FDA) proposed regulations to prohibit the subtherapeutic use of penicillin in animal feeds and to restrict the use of tetracyclines. The regulations would also have imposed restrictions on the distribution and use of the remaining applications of penicillin and tetracycline. Congress, however, directed FDA to conduct further studies to determine if a definite link could be established between antibiotic use and human health. Some now believe that link has been made with the Holmberg study.

Several consumer and public-interest groups, citing the Holmberg report, have pressed particularly hard for a ban on antibiotics in animal feed. Late last year, the Natural Resources Defense Council filed a petition with the FDA seeking such a ban. A hearing on the petition was held in January, but no action was taken.

For its part, FDA has been conducting a comprehensive review of the issue with an eye to recommending whether or not penicillin and tetracycline use should be restricted. The agency has commissioned several studies on the matter.

FDA's Center for Veterinary Medicine will weigh these studies, as well as other available data and scientific literature published in recent years. Its decision on what action, if any, to take will probably not be made before this summer.

Unless FDA declares certain uses of penicillin and tetracycline to be imminent health hazards, proposals to ban ro restrict their use could be contested for many months under a federal review process. Such regulations could also be challenged in the courts.

Whether health concerns are justified or not, banning the use of antibiotic feed additives now could cause a significant shakeup in the livestock industry's production practices and the consumer marketplace.

Rising Meat Prices

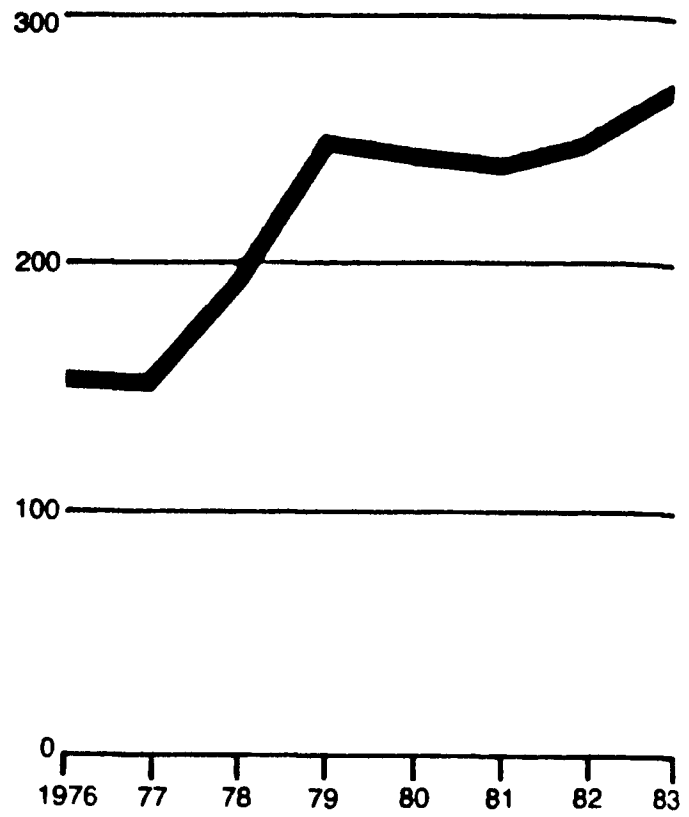
"Consumers would likely pay slightly higher prices for smaller supplies of meat," says Burbee. "The practical effect of even a partial ban would mean that it would take longer to produce some meat animals because they wouldn't grow as fast. Imports would probably also increase, which could dampen some of the possible rise in prices."

In addition, he says, the cost of feed grains might go up because animals would have to eat more to gain the same amount of weight. The availability of large excess supplies of feed grains should keep any rise to a minimal level.

"However, higher consumer prices would more than offset farmers' higher costs, and farm income might actually go up," Burbee says.

He adds that "equilibrium in prices would be reached in a year or two, but at a higher level. Right now, animal producers are presumably operating at a least-cost level because penicillin and tetracycline are two of the cheaper drugs available. But there are substitutes, other antibiotics and

(Turn to Page D33)



[1]Antibacterial feed additives include antibiotics and other antibacterial agents

Source Animal Health Institute

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Antibiotics in meat imports

(Continued from Page D32)

feed additives that can usually be used for the same purposes although they are probably more expensive and not quite as effective."

According to the Animal Health Institute in Arlington, Virginia, producers purchased $271 million worth of antibacterial feed additives (which include antibiotics) in 1983, the latest year for which figures are available.

A 1981 study by the Council for Agricultural Science and Technology (CAST) nails down other numbers involved. It says a cost of $3.5 billion to consumers in increased meat prices would result from the banning of all animal uses of penicillin and severe restrictions on the use of tetracycline in feeds.

Burbee says another analysis–using new data on drug use and costs of substitute products and production methods–is necessary before a "definitive statement about today's cost impacts can be made."

In fact, Burbee is looking at the economic impact of proposals to restrict or ban the us of some antibiotics. He says his findings will be released later this year.

Pork Producers More Dependent

Neither cattle feeders nor poultry producers are as dependent on the antibiotics in question as pork producers.

It's estimated that about three-fourths of the slaughter hogs in the United States receive low levels of tetracycline and penicillin in feed. One reason is that modern, cost-efficient swine production requires large numbers to be raised in close confinement–and hogs are very prone to respiratory ailments that restrain growth.

In general, however, antibiotic use may actually be going down. "There's been a flattening-out in antibiotic use because producers are becoming less reliant on these compounds, given the better sanitation and nutrition in the livestock industry and the need to cut out any unnecessary costs," says Burbee.

"The eventual answer may be found in newer chemical compounds. This could take as few as 5 years, or it may be as far away as 15 years. But certainly before the turn of the century, we'll find newer drugs and chemical compounds that have minimum side-effects or fewer hazards. Biotechnology will certainly provide many new substances that are safer, more effective, and less expensive," Burbee concludes.

Farmers to get $12.19 for April milk

NEW YORK – Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during April 1985 will be paid on the basis of a uniform price of $12.19 per hundredweight (26.2 cents per quart).

Market Administrator Thomas A. Wilson also stated that the price was $12.64 in March 1985 and $12.36 in April 1984. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive plan removed $.30 per hundredweight from the dairy farmers' uniform price for April, a total of $3,014,805.57. Deductions will continue through June and will be returned in the August through November uniform price calculations.

A total of 16,570 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 1,004,935,190 pounds of milk during April 1985. This was an increase of 1.1 percent (about 10 million pounds) from last year. The gross value to dairy farmers for milk deliveries was $125,709,154.40. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) used 390,212,840 pounds of milk for Class I, 38.8 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test, and skim milks. For April 1985, handlers paid $14.46 per hundredweight (31.1 cents per quart) for Class I milk compared with $14.31 a year ago.

The balance (614,722,350 pounds or 61.2 percent) was used to manufacture Class II products including butter, cheese, ice cream, and yogurt. Handlers paid $11.53 per hundredweight for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For April 1985, there was a price differential of 16.3 cents for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received within the 201-210 mile zone from New York City.

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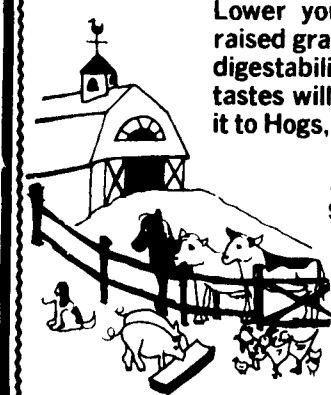

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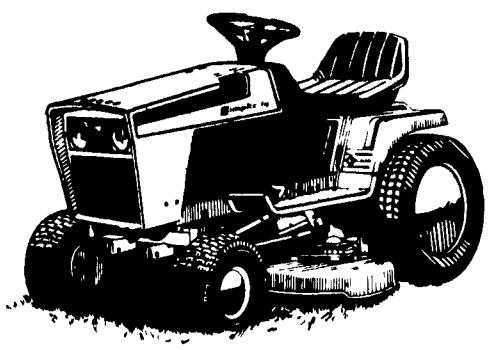

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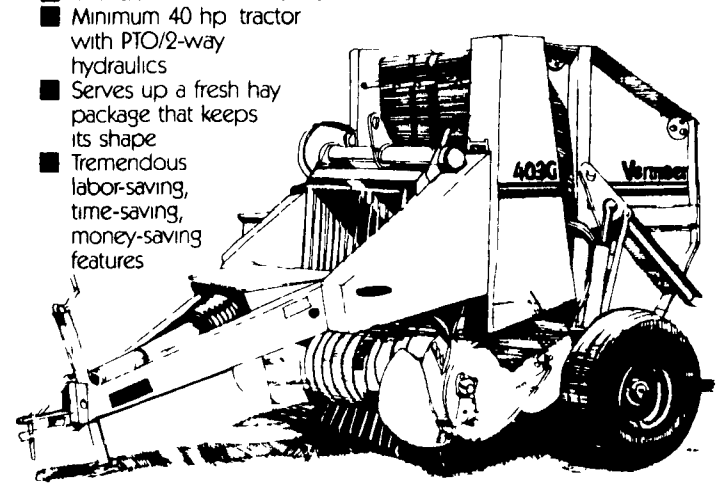

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Senator Boschwitz says his farm bill would "put cash in farmers' pockets

WASHINGTON – Senator Rudy Boschwitz said that his 1985 Farm Bill would "put cash in farmers' pockets and make the U.S. the dominant force in agricultural markets worldwide."

Boschwitz and Senator David Boren (D-Okla.) explained details of the bill, called the Family Farm Protection and Full Production Act of 1985, at a recent press conference in Washington.

The eight-year bill establishes a direct payment system to protect the income of farmers while the U.S. regains its position in world markets. The bill would represent a significant shift in U.S. farm policy.

"My bill has three main goals," Boschwitz said. "It protects farm income during what may be several tough years ahead for agriculture. It promotes full production and lets farmers make their business decisions based on economic signals, not government programs. Lastly, and equally important, it makes U.S. projects competitive abroad."

According to USDA estimates, the program would result in increased exports and higher prices over five years.

At the center of Boschwitz plan is a "transition payment" system. The use of this payment, which is made directly to farmers based on previous levels of production of commodities covered by government programs, allows the U.S. to lower its loan rates and become more competitive on world markets, Boschwitz said.

The payment is made on a per bushel basis and gives farmers optimum leverage, protects farm income and allows for competitive international prices, Boschwitz said. It is formulated to guarantee farmers at least as much income above variable costs as they received in 1985. The payment is $1.42 on wheat, $0.94 on corn, $0.26 on cotton and $4.26 on rice.

There would be no annual diversions or set asides. The payment would be make on the farmer's entire crop base.

Boschwitz gave the example of a farmer with a corn base of 200 acres who has a yield of 100 bushels per acre. The payment ($.94) would be multiplied by the total number of bushels (20,000) for a transition payment of $18,800.

The farmer would be allowed to produce whatever he wanted on the 200 acres or to produce nothing. The transition payments operate on a sliding scale to target assistance to family-sized farm operations.

Between 1987 and 1990, the payments would be gradually reduced as the farm economy shifts toward production which is more closely in balance with market demand.

"Current farm programs have become very expensive and have served to distort the agricultural economy of our country," Boschwitz said. "It is time for a new approach.

"This plan provides farmers the income they need while allowing them to respond to market signals. What we have here is a message of hope for the agricultural sector," he said. "Not only does the bill help farmers, but it gets the entire rural economy rolling again because it provides for full production. This is crucial to the success of this approach."

In addition to the income protection provisions, the bill establishes strong export promotion programs and a conservation acreage reserve to remove fragile lands from production.

Specific provisions include:

• Establishing a "Green Dollar" program to increase exports by using Commodity Credit Corporation stocks as a bonus to exporters. The Secretary of Agriculture would accept bids from exporters for the amount of Green Dollar Certificates they would need to complete an export sale. After the shipment is made, the exporter would redeem his Green Dollars by exchanging them for CCC-owned commodities, which also must be traded on world markets.

• Mandating a 20 percent reduction in CCC stocks each year. To reduce the stocks, the Secretary of Agriculture would be free to use donations or programs that provide commodities to Third World countries so they can build their import infrastructure.

• Removing government program benefits for the production of crops from 30 million acres of fragile land. The Secretary of Agriculture would accept bids on at least 20 million of these acres to be put into a 10-year Conservation Acreage Reserve (CAR). Payments would be made on this land in a lump sum or for up to five years.

• Creating a transition payment for dairy producers based on the present support price of $12.10. The payment would be set at $1.50 per hundredweight with a maximum payment of $20,000 (about 80-90 cows). The CCC purchase price for dairy products would be reduced to $10.60.

• Designing an interim program for the 1985 crop to prevent overburdening of CCC stocks.

Rutherford elected to NMPF executive committee

SYRACUSE, NY – Clyde E. Rutherford, a dairyman from Otego, N.Y., has been elected a member of the Executive Committee of the National Milk Producers' Federation, according to an announcement by Federation President Norman Barker.

The Federation represents most of the nation's dairy cooperatives in legislative activities in Washington, D.C.

Rutherford is president of the Syracuse-based Dairylea Cooperative Inc., a post he has held for the past seven years. He is also chairman of the New York-New England Dairy Cooperative Coordinating Committee; chairman of the New York State Dairy Industry Communications Committee; chairman of the 1985 Northeast Farm Bill Committee; and a director of the National Council of Farmer Cooperatives.

With his wife, Jeanette, Rutherford operated a dairy farm producing 1.4 million pounds of milk annually. Their farm was cited last year as a New York State "Dairy of Distinction."

The Rutherfords have two children, Diane and Nancy, both students of Syracuse University.

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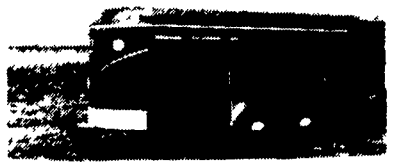

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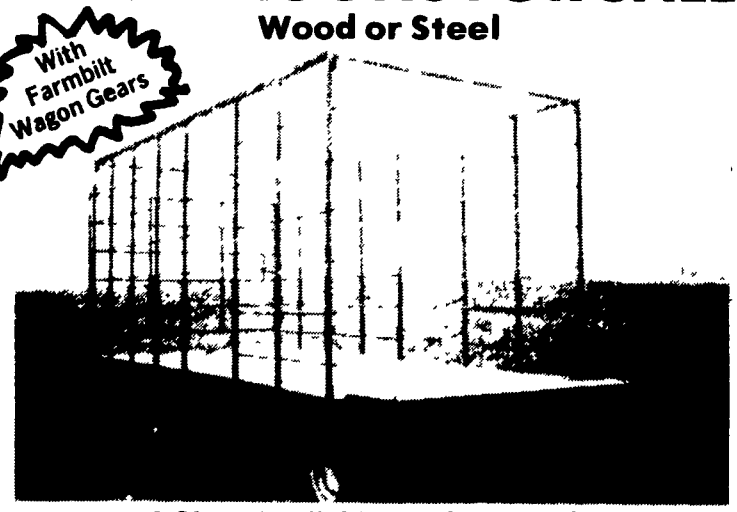

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U.S. breaks tree planting records

WASHINGTON, D.C. – Tree planting is growing on landowners in the United States.

In 1984, 2½ million acres were planted to trees, more than in any previous year, R. Max Peterson, chief of the U.S. Department of Agriculture's Forest Service, announced recently.

That's more than five times the acreage planted 35 years ago, Peterson said.

The forest industry led the way, planting more acres than than all other ownerships combined - 56 percent, even though it owns only 14 percent of the commercial forest land. Non-industrial private forest owners, who own 58 percent of the commercial forest land, planted 29 percent of the trees. The remaining 15 percent were planted on federal and other public lands.

"The Forest Service encourages tree planting on private land through cooperative efforts with state foresters under our State and Private Forestry programs," Peterson said.

While industry plants more acres, nonindustrial private forest owners have shown the largest percentage increase in the past 10 years. They have doubled their acreage planted, registering significant increases in the last two years. Industry has increased its tree planting by 30 percent in the past 10 years.

"Nearly three out of four acres planted are in the 12 southern states," Peterson said, "where 80 percent of the industrial and private forest planting is taking place."

Most of the trees planted are loblolly pine a tree that grows well in the south, said Peterson. Other species include douglas-fir and shortleaf pine.

Today's record-breaking pace makes earlier major tree planting efforts pale by comparison. The Civilian Conservation Corps (CCC) planted 2 1/3 million acres to trees over a 10-year period in the 1930's and early 1940's. The Conservation Reserve Program, better known as the Soil Bank Program, planted more than two million acres in the late 1950's and early 1960's.

"The record tree planting today is based on the realization that growing trees is not only an effective land stewardship action," Peterson said, "but is a profitable investment as well."

Dairy nutrition supplement

NEW YORK – Animal Nutrition Supplements, Eastman Chemicals Division, has committed itself to expansion in the animal nutrition industry following successful testing of its IsoPlus™ Nutritional Supplement which helps dairy cows produce more milk.

"Eastman Chemicals recently completed field trials with IsoPlus at 54 dairy farms throughout Michigan," according to Bob Morrow, director, Animal Nutrition Supplements. IsoPlus was shown to increase milk production in dairy cows by up to 4-6 pounds per cow per day.

"Prior to the Michigan field trials we had tested IsoPlus extensively in several universities throughout the country," explained Morrow. "However, before releasing it commercially we wanted to evaluate it in actual on-farm trials. Therefore we set up the 54 trials under all kinds of management practices and feeding programs. The field trials confirmed the university findings."

IsoPlus is a combination of four volatile fatty acids found naturally in the cow's rumen. These acids improve digestive efficiency of the cow. IsoPlus causes no side effects or milk residues and is not a drug.

Because of the trial successes, Eastman Chemicals will expand its staff to market IsoPlus. Three district marketing managers will direct 10 marketing representatives in IsoPlus distribution to major dairy states east of the Rockies. An account manager has been appointed to serve the California market.

Also, Eastman Chemicals plans expansion of operations at Texas Eastman Company in Longview, TX where IsoPlus is presently manufactured in developmental quantities. The expansion is to meet future demands of national and international markets.

Eastman Chemicals plans to break ground July 1 for its new multi-million dollar research facility in Washington County, TN. When completed in the summer of 1986 the research facility will include space and accommodations for a variety of farm animals, including 100 dairy cows, as well as a feed mill and a feedlot to accommodate 500 beef cattle.

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Potato stocks down 24%

HARRISBURG – Total stocks of potatoes stored in Pennsylvania on May 1 were 390,000 cwt., 24 percent less than a year ago, according to the Pennyslvania Crop and Livestock Reporting Service. Of this amount, 100,000 cwt. was stored in processors' facilities. This represents 26 percent of total stocks.

Stocks are defined as the quantity remaining in storage for all purposed and uses, including seed, shrinkage and waste and other losses that occur after the date of each report. Stocks may also include potatoes produced in other states. Sales of fall potatoes for all purposes generally account for about 90 percent of the total fall production. Shrinkage and loss and home use account for the remaining 10 percent.

Most of the potato stocks reported by Pennsylvania growers are seed potatoes for the 1985 crop. Favorable weather conditions have permitted earlier plantings than normal For the week ending April 28, 43 percent of the potato crop was planted compared to with six percent planted by the same time in 1984.

May 1, 1985 potato stocks totaled an estimated 51.6 million cwt., for the 15 states in the stocks program, up two percent from a year ago but 10 percent below 1983 stocks.

Packer buys privately at former Thomasville Auction

BY JOYCE BUPP
Staff Correspondent

THOMASVILLE — Gwaltney-Smithfield's pork processing firm is the newest marketing option for York area hog producers.

The packing company is now operating a private buying business every Tuesday morning at the Weikert Buying Station, formerly Thomasville Livestock Auction, located on Route 30 west of York.

Buyer Ed Herrmann will be at the Weikert location every Tuesday from 7 a.m. through noon, purchasing hogs for immediate shipment to the firm's processing facilities in Virginia.

Gwaltney-Smithfield is part of the Smithfield packers and processors, well-known for their ham products. The Virginia plant handles over eight thousand hogs daily, while the overall Smithfield corporation, one of the nation's largest, processes over 25,000 hogs each day.

Herrmann continues to operate a similar hog buying station on Monday, Wednesday, Thursday and Friday, 7 a.m. through noon, at the Vintage Livestock Market, Paradise. He can be contacted Tuesdays at the Weikert Buying Station at Thomasville by calling 717-792-9836, or other weekdays at the Paradise office, phone 717-442-4742.

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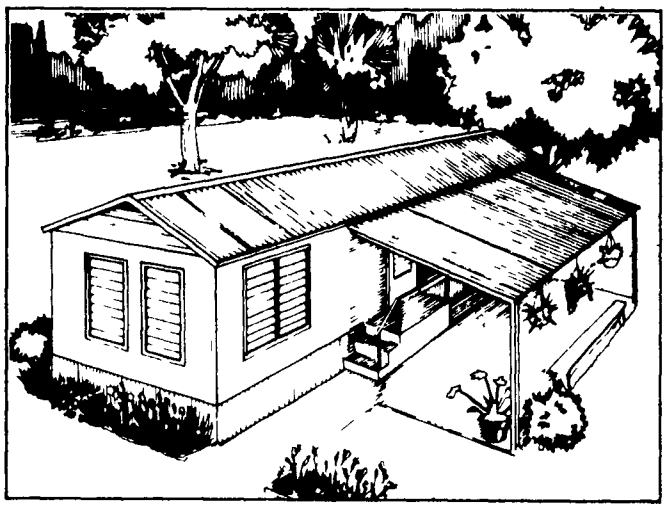

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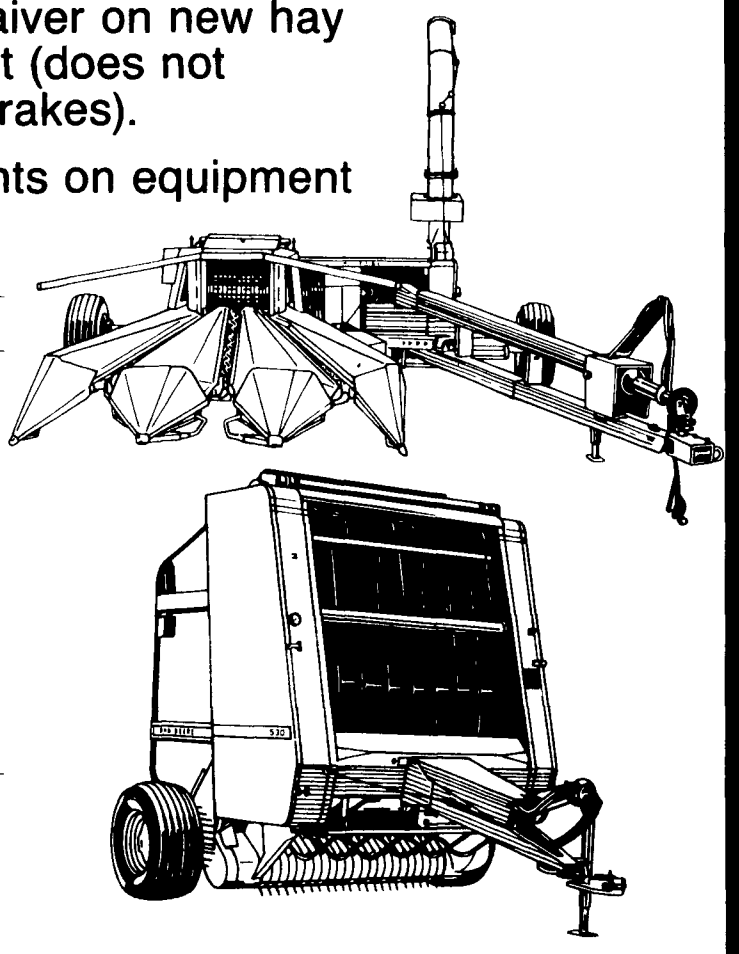

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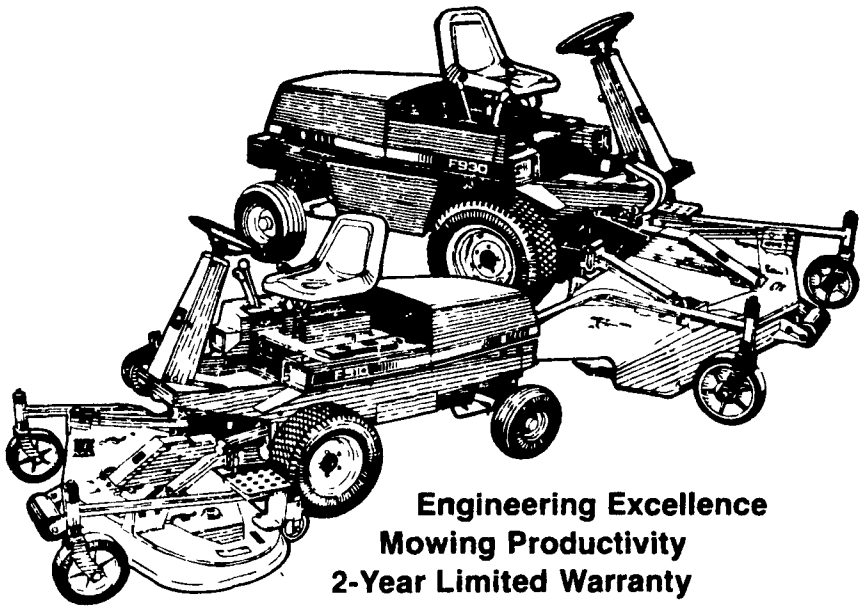

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Strong dollar: good news and bad news

NEWARK, DE – For tourists planning to travel abroad, today's strong American dollar is an advantage because they can buy more for their money But for farmers trying to sell grain, the rate of exchange is less favorable In fact it's putting some producers out of business

Just what is a "strong" dollar? And what difference does it make to U S and Middle Atlantic farmers? Are reduced farm exports the only effect, or does a strong dollar also have its virtues?

"By calling it 'strong' we mean the U S dollar has more purchasing power in other countries than normally would be expected," explains University of Delaware extension farm policy specialist Gerald F Vaughn "If, for example, a ballpoint pen made in France costs two francs there, and a comparable pen made in the U S. sells for one dollar here, the normal rate of exchange between the two currencies would be two francs per dollar. But if the dollar exchanges for three, four, or more francs, it's considered strong or overvalued."

Importers must pay exporters in the exporting country's currency. A French importer needs dollars to but U.S. exports; a U.S. importer needs francs to buy French exports.

"Ordinarily," says Vaughn, "when the exchange rate gets too far out of line, the flow of merchandise will tend to be one way until the rate returns to normal. French pens, for example, might be shipped to the U.S. until dollars accumulate in France, causing the dollar's value to fall there." This adjustment hasn't occurred yet with today's strong dollar.

Instead of falling, its value has actually increased as the result of foreign investments in the U.S. This is because exchange rates between countries depend on the flow of capital investment as well as merchandise.

"Even though the U.S. is running substantial deficits in merchandise trade, which should lower the dollar's value, the dollar remains strong because foreign investors want to invest here and need dollars to do so," the economist explains.

"Capital (money) is the most liquid of all resources," he continues. "It flows quickly, with few restraints, from country to country. Capital usually flows to countries with high interest and low inflation rates. The tax policies of different countries also influence foreign investors looking for after-tax profits. Since 1979 real rates of return on investment in the U.S. have been generally higher than in other countries."

Unfortunately, a strong dollar makes U.S. farm products more expensive in world markets.

"A 10 percent rise in the dollar's value means a 5 percent fall in U.S. farm exports," Vaughn says. "Declining exports depress the U.S. price of commodities, first to farmers in the Midwest, the major exporting region of the U.S., and then to farmers across the nation, including Delmarva, whose price is based on the Midwest price."

But there's also a positive side to the strong dollar, Vaughn reminds.

"It may price us out of the export market, but on the other hand it makes goods from other countries cost less to import here. In turn, these cheaper goods help hold down American production expenses and living costs. A 10 percent rise in the dollar's value reduces the U.S. inflation rate by one percentage point."

The strong dollar, together with an export push by developing countries to acquire dollars, has produced a surge of imports into the U.S.–particularly electronic goods, machinery and machine tools These capital equipment items now account for 22 percent of U S. imports, up from 12 percent just a few years ago.

This trend has benefits for agriculture, the specialist says For example, farm machinery imports (especially small- to medium-size tractors) h[illegible] twice as fast as exports. This reflects business arrangements between U S manufacturers and overseas firms or foreign subsidiaries to produce these tractors.

Fertilizer imports (mainly potash and nitrogen) have risen nearly four times as fast as exports. More of these imports now come from developing countries where production costs (particularly wages) are much below U.S. levels.

According to the economist, the surge of imports has helped keep U.S. price increases in check, including prices farmers pay for production supplies This has helped put a lid on inflation. "The outlook," concludes Vaughn, "is for continuation of a relatively strong dollar."

Use testing to determine if treated hay is dry

PISCATAWAY, NJ – Everything from microwaves to electronic probes to human hands are used to test the moisture content in mowed alfalfa. All tests, however, have the same objective – determining when hay is dry enough to store, yet moist enough for optimum leaf retention.

Now that chemical conditioners have entered the forage market, alfalfa growers are concerned whether previous test methods will be effective in measuring hay dryness. Chemical conditioners allow hay to be baled at normal moisture levels up to a day sooner But the treatment leaves hay feeling softer and wetter than it really is.

John Arledge, research agronomist at New Mexico State University, has been studying alfalfa moisture testing for several years. He suspects the different feel of treated hay is not from the chemical, but from reduced environmental exposure. He also sees no problems in determining when treated hay is dry enough for baling.

"A grower can employ the same moisture testing method used before," says Arledge. "When you first use a chemical conditioner, however, you may want to rely on a moisture testing technique more elaborate than 'feel'. After become familiar with the shorter curing time, then you can use whatever procedure seems consistently efficient."

The primary methods for testing moisture in alfalfa include. dessicating or heat devices, electronic probes and "feel". Arledge says no method is both very fast and accurate.

Chemical conditioners also can require more aggressive management. "A hay grower will want to check his fields a day sooner after cutting and about twice as often," says Jeff Roberts, president of Harvest Tec, a manufacturer of hay equipment "It's important to bale at safe moisture levels, and when you first use chemical conditioners, it's surprising how much quicker hay will be ready."

Wheat vote postponement okayed by Senate Ag group

WASHINGTON – The Senate Committee on Agriculture, Nutrition, and Forestry, today passed by voice vote S. 822, a bill to give the Secretary of Agriculture discretionary authority to postpone a producer referendum on wheat marketing quotas for 1986.

The bill allows the Secretary to delay the referendum until not later than 30 days after adjournment of the first session of the 99th Congress.

Under permanent law, the Secretary is required to hold a referendum by August 1 of the calendar year in which a national marketing quota for wheat is proclaimed. That permanent law, which was last suspended with the enactment of the 1981 farm bill, will be applicable to the 1986 wheat crops unless new legislation suspending or repealing permanent law is passed.

Agriculture Secretary John Block has proclaimed national marketing quotas for the wheat marketing year beginning June 1, 1986, and has announced that a referendum will be held July 19-26, 1985.

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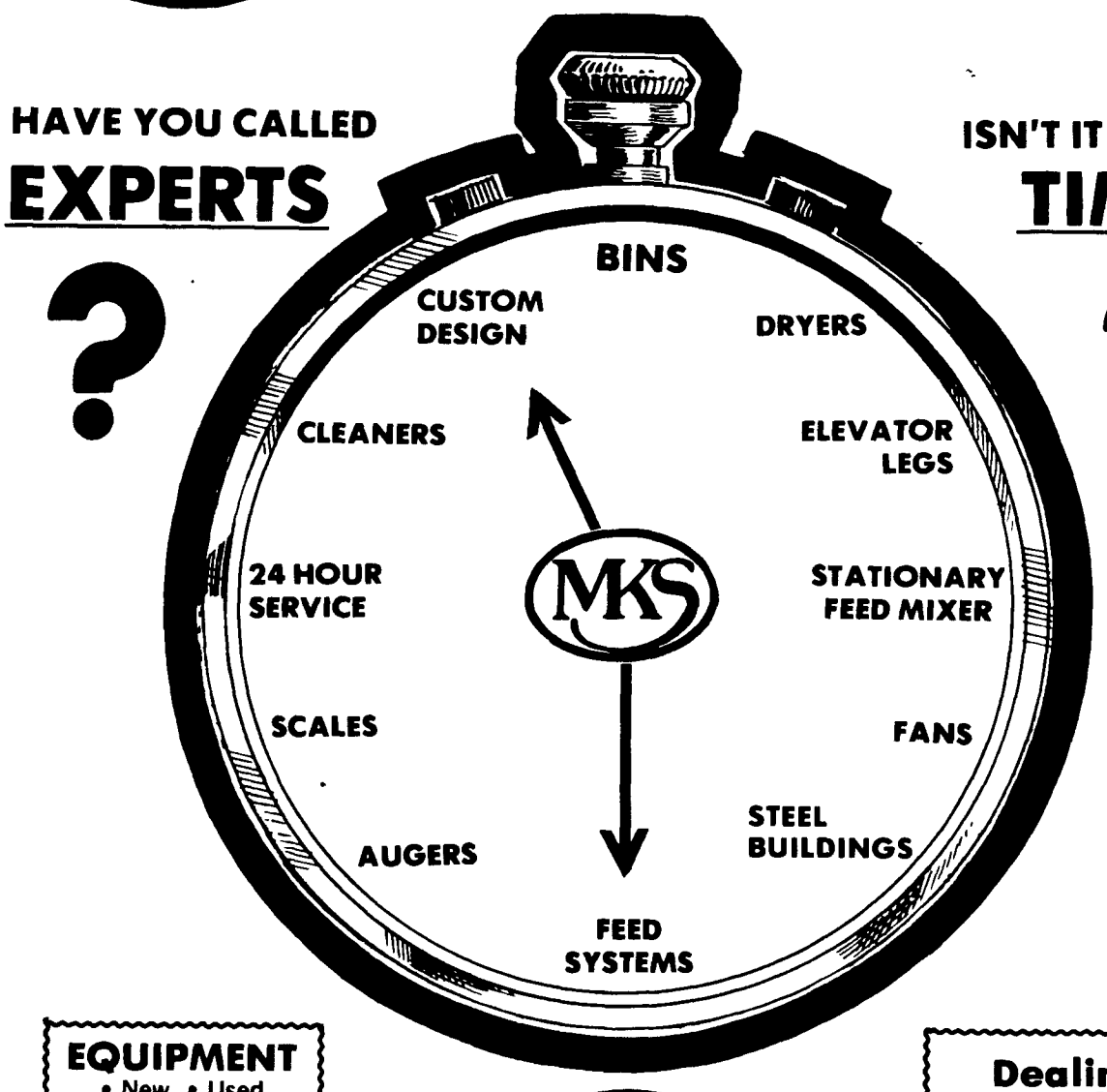

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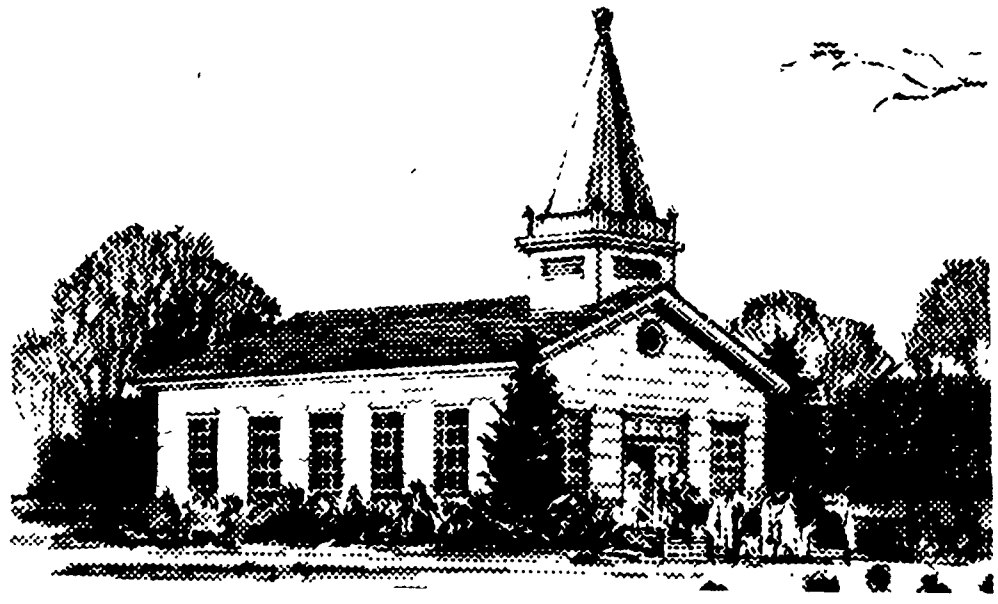

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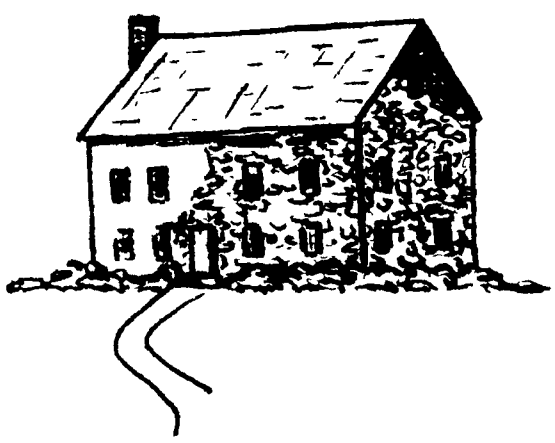

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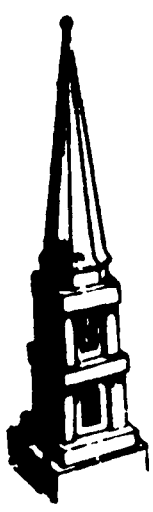

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SUMMARY OF RESULTS

Alfalfa Ensiled With And Without **SILO-BOOSTER** Conducted
At The University Of Minnesota West Central Experiment Station
Morris, Minnesota 1984 Crop

DRY MATTER RECOVERY (1)	CONTROL	SILO-BOOSTER
Amount D.M. Ensiled, lb.	26,228	30,418
Amount D.M. Removed, lb.	24,432	30,278
Recovery, %	93.2	99.5

(1) Individual loads of fresh forage were weighed before ensiling; after storage, silos were emptied completely at one time.

Composition and pH of Stored Alfalfa Ensiled With and Without SILO BOOSTER

	CONTROL	SILO-BOOSTER
Dry Matter, %	50.66	54.98
pH	6.33	5.82
Crude Protein, %	23.64	23.45
Ammonia Nitrogen	19.76	14.80
ADIN-N. % of total N	5.76	5.58
ADF, % of D.M.	31.74	30.23
NFD, % of D.M.	42.44	41.88
Lactic Acid, % of D.M.	1.00	.87
Acetic Acid, % of D.M.	.72	.52
Propionic Acid, % of D.M.	.018	.007
Butyric Acid, % of D.M.	.119	.027

Dry matter recovery data from these conventional silos demonstrates a **6.3% difference in feedable alfalfa silage. For each 100 tons of silage,** there would be an **additional 6.3 tons of silage available for feeding.** This is **equivalent to 3.5 tons of 90% dry matter hay worth approximately $350.00. This is a $3.50 return for each $1.00 investment in SILO BOOSTER** from a reduction in fermentation losses alone.

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June is dairy month

Stornoway hosts ABS-Cattlemen's Field Day

BY DEBBIE-STILES RENZI
Staff Correspondent

LIGONIER--If there was anything else, we'd do it," says Jim Cairns, manager of Stornoway Farms, in Westmoreland county. This herdsman's confidence is not exaggerated. Cairns has covered all the bases in the registered Red Angus herd he manages, the result being a 45-day breeding/calving season in conjunction with a working AI system.

Cairns, and Mrs. Donald McLennan, the owner of Stornoway, place considerable emphasis on performance. The 110 registered Red Angus cows and 35 commercial cows at Stornoway are expected to conceive by AI in a 45 day period, as heifers to calve at 22-24 months of age, and all to wean one calf per year. Artificial insemination is the cornerstone of the operation, Cairns says, the ideal way for them to get calves by $100,000 bulls without the expense and worry of buying and maintaining these sires.

First-calf heifers are bred the first week of May, cows the third. When breeding season starts, the animals are put in groups of about 50 each. Healthy amounts of both grain and corn silage are fed through the breeding season, along with pasture. Marker bulls are used for heat detection.

"I will breed for 16 days. Then Dr. Barnett (their herd veterinarian) will come and give any cows that are ready (right stage of estrus cycle) an injection of Lutalyse," said Cairns. He commented they really didn't rely too much on drug-induced synchronization.

At a field day recently held on Stornoway Farms, Dr. Dan Deavers of Penn State talked on the importance of accurate estrus (heat) detection.

"If you want your AI program to be successful, you've got to pay a lot of attention to detection of heat," Deaver emphasized. Reminding those in attendance that the only sure sign of heat is an animal standing to be mounted by another, Deavers gave the following recommendations for easier, more accurate detection of heat:

1) Check early in a.m. and late (7-8 p.m.) in evening for animals in heat. 70 percent of mounting activity occurs between 6 p.m. and 6 a.m. Cows that stand in the afternoon generally have heats of less than 8 hours.

2) Devote half an hour morning and evening ***exclusively*** for checking heat.

3) Have cows well identified.

4) Keep good records. Bring along a pencil and notebook to write down the numbers of those observed in heat.

Two of the substances on the market that mimic the action of prostaglandin (manufactured naturally by the cow) and which can be used by beef producers for synchronization of estrus are Lutalyse and Estramate. Syncromate-B, used via an implant, is another substance used to synchronize estrus.

Manager Jim Cairns gives Field Day participants an overview of the Stornoway Farms operation.

Stornoway relies exclusively on AI service for its herd of Red Angus.

"Checking heat is not a passive job," Deavers told producers at the field day, which was jointly co-sponsored by the Pennsylvania Cattlemen's Association Penn State, Stornoway Farms, and American Breeders Service. The best way to find out which cows are in heat, Deavers instructed, is to get the cows up, work them toward a corner, and get them close to each other, milling around together. Deavers attributed Cairns' success with AI to the herdsman's persistence in checking animals for heat.

Another part of the Stornoway success formula is found in owner McLennan and manager Cairns' refusal to accept anything less than complete adherence to a 45-day calving season. Any cows that fail to calve within that specified time frame are not given a second chance. "We sell those cows before the next calving starts," Cairns said.

When breeding is completed, the cows are turned out with the bulls. "Keep it as natural as possible," advised Cairns.

Cows are all given vitamins A and D and Nasalgen prior to calving. They also get Coli-Bac, which herd vet Dr. Barnett reports his eliminated calf scours.

Based on birth and weaning weights and other selected criteria, heifer calves at Stornoway are divided into three groups. Top calves are herd replacements or are sold to other breeders as such; the rest become feeder calves, or are auction-bound.

Elinor McLennan, who with husband Donald McLennan established Stornoway in 1972, credits the Farm's smooth-running operation to her manager Jim Cairns. She also has high praise for her Penn State University advisor.

"One of the best decisions we ever made was asking Dr. Erksine Cash to act as a consultant," says McLennan.

Cairns agrees with McLennan: "It's good to know you have someone with the skill and knowledge backing up your management decisions." Dr. Cash is Professor of Animal Science at Penn State.

Cairns' enthusiasm is obvious as he talks about the farm he's managed since its establishment by the McLennans 13 years ago.

"I've got good equipment, good animals, good facilities, good help--I have to do a good job!"

Pre-conditioned calves: beef industry's 'sure thing'

LIGONIER – "If I know your cattle are going to gain, I'll pay more for your cattle." That was the word from Huntingdon county cattle feeder J. Paul Espy to beef producers at the May 18 ABS-Cattlemen's Spring Field Day held at Stornoway Farms in Ligonier.

"We used to have a little padding. Now we don't," said Espy, referring to the present cattle market situation. Because money is tighter, cattle feeders say they want more of a sure thing going into their feedlots. A "sure thing" means pre-conditioned feeder calves: feeders that will grow and gain without any setbacks due to disease, injury, internal or external parasite infestations.

Put another way, feedlot managers want well-managed calves off the farm; which was why Espy joined Penn State Extension veterinarian Dr. Thomas Drake at the Field Day in endorsing the feeder calf certification program. The program is seen by cattle feeders like Espy as a means to an end – the end result being access to better and faster-growing calves.

"I went into the cattle business to succeed," says Espy, who feeds out 2,000 head each year. Espy explained how he weeded out the slow-growers from his feedlot by weighing his feeders about every three weeks, once they'd reached 875 pounds. Those not gaining at least around 2½ pounds a day are sold right then, he told the group.

"Preventative health programs are very important for the small herd producer," says Stornoway herd veterinarian Albert Barnett. Lost pounds due to preventable causes could mean weaning at 400 pounds instead of the more profit-potential 600 pounds.

Espy admonished cow-calf producers to invest in a better breeding and pre-conditioning program, for their own financial well-being.

Pork Prose

by
Kenneth B. Kephart
Extension Livestock Spec.
University of Del.

As a protein source for hogs, soybean meal is tough to beat. Yes, you might find supplements like distillers grains or alfalfa meal that may be cheaper or good sources of vitamins. But their protein will be lower in quantity or quality or both. To get a source that's superior to soybean meal in digestibility or amino acid levels, you'll probably need to buy a milk by-product. And that's an expensive proposition.

This doesn't mean soybean meal is perfect. The protein level may be less than that claimed on the tag. Moisture and fiber can be too high. Or the meal can be overheated during processing. Any of these factors, under the right conditions, can affect hog performance.

Soybean Processing

Three methods exist to process soybean meal--the hydraulic process, the expeller process and the solvent process. Both the hydraulic and expeller methods use mechanical force to squeeze oil out of the beans before processing them into meal. Since the squeeze method is an inefficient one for getting the oil out, these processes are seldom used in this country.

In the solvent process, which is typically used today, the beans are cracked and heated slightly. The oil is extracted by a volatile solvent. The residue is then dried and subjected to a final toasting. If the heat (related to temperature, pressure, time and other factors) during this final stage is too low, the trypsin inhibitors will not be destroyed, protein digestion in the hog will decrease and hog performance will suffer. If the heat is too high, amino acids could be tied up with the carbohydrates or, even worse, they could be destroyed. Unfortunately, the amino acid that seems to be affected most by heat is the one that's first limiting in a swine ration–lysine.

Checking for Quality

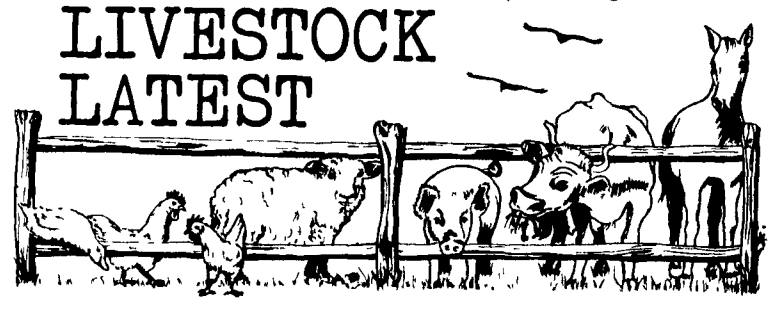
How can we test for some of these things? W.L. Vandergrift at the University of Georgia recently reviewed this subject. Trypsin inhibitor levels can be tested indirectly by checking for an enzyme called urease. If the urease activity falls between .05 and .20 pH, the soybean meal has been properly processed (.05 is overprocessed, .20 is underprocessed).

Does it ever get out of this safe range? Reports from North Carolina State University show that from 1981 to 1983, when thousands of soybean meal samples were tested, urease activity was on the increase, but still within the acceptable range. The average urease value for these three years was about .08.

Although we should be concerned about the level of heat during processing, it appears that most processors maintain good quality control during this stage.

What about protein, fiber and moisture levels? Vandergrift points out that this is an area that's often overlooked. Listed below are the nutrient levels typically guaranteed for soybean meal.

(Turn to Page E4)



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Our Calf Grower Pellets are a 16% crude protein feed recommended from 3 months to approximately 6 months of age. Limit feeding to no more than 5 pounds per head per day. Keep fresh, clean water, and good quality hay available at all times.

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Pork Prose

(Continued from Page E2)

	Protein (Min %)	Fiber (Max %)	Moisture (Max %)
Soybean meal, expeller	42 6	6 2	10 0
Soybean meal, solvent	44 0	7 3	11 0
Soybean meal, dehulled sol	48 5	3 9	10 0

Are samples always within these limits? No. And the problem seems to be growing worse. At a recent meeting of southern feed cooperatives which I attended, several representatives indicated soybean meal quality has been a problem. The biggest complaint is that protein levels have not been meeting the minimum. High calcium levels were also mentioned.

At North Carolina State University, nearly 40 percent of the soybean meal samples tested in 1976 were deficient in moisture, protein or fiber composition. By 1983 the violations had grown to 83 percent.

At the Delaware Department of Agriculture, over 25 percent of the samples tested in the last three yers had excess fiber. Twenty-five percent also did not meet protein minimums.

What should this mean to you? Ideally, every load of soybean meal should be tested. If, for example, the protein is too low, you can adjust the ration accordingly to avoid deficiencies. If it's above the minimum stated, you can pull some protein out of the feed formula and save a few bucks.

In summary, soybean meal is your best buy under most market conditions. It's easy to handle and hogs perform well on it. But to know what your getting, have it tested.

Swine nutrition findings

MINNEAPOLIS, – Research indicates that supplemental biotin is beneficial for breeding swine, but the need for certain vitamins and minerals for weanling pigs and developing gilts is questionable, according to Dr. E.T. Kornegay, professor of animal nutrition at Virgina Polytechnic Institute and State University.

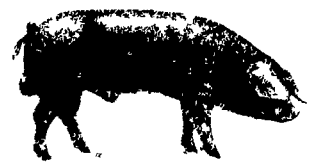
Speaking to more than 600 nutritionists, scientists and feed industry personnel at the 33rd Annual Pfizer Research Conference here, Dr. Kornegay said, "Supplemental biotin apparently improves reproductive performance, hair coat conditions and foot health of breeding gilts and sows. Also, preliminary research suggests that injection of folic acid during gestation will maintain the serum folate levels necessary for optimum reproduction."

Dr. Kornegay also reported that the need for supplemental vitamin C in weanling pigs appears unlikely now. Feeding high levels of calcium and phosphorus to prevent structural unsoundness and lameness also is questionable, and slight deficiencies, or excesses of salt in swine diets is unlikely to affect calcium-phosphorus utilization or bone mineralization.

"Although added selenium is necessary for weanling pigs, it use could be a problem," Dr. Kornegay said. "Several laboratories have established selenium toxicity levels between 4 and 8 parts per million."

Dr. Kornegay also reported that fiber sources for swine vary greatly in composition and feed value, and that research indicates the effect of fiber on mineral use by swine depends on the type of fiber and the mineral required.

E.T. Kornegay



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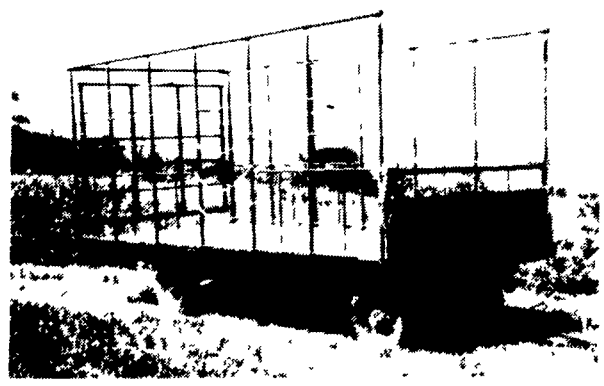

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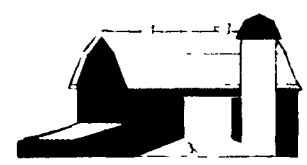

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Block appoints inspection advisory committee

WASHINGTON, D.C. – Secretary of Agriculture John R. Block has appointed 18 people to the USDA's Meat and Poultry Inspection Advisory Committee. The advisory committee advises the Secretary on issues pertaining to the federal meat and poultry inspection program.

The appointees, including one each from Pennsylvania, New Jersey and Maryland are:

- Dr. Roslyn B. Alfin-Slater, School of Public Health, University of California, Los Angeles;
- Clare Berryhill, director, California Department of Food and Agriculture, Sacramento;
- Dr. R.W. Bray, professor-emeritus, University of Wisconsin, Middleton;
- Dr. Carroll S. Brickenkamp, general physical scientist, National Bureau of Standards, U.S. Department of Commerce, Washington, D.C.;
- S. Mason Carbaugh, commissioner, Virginia Department of Agriculture and Consumer Services, Richmond;
- Dr. Frank R. Craig, senior director of technical services, Perdue Farms, Inc., Salisbury, Md.;
- E.M. Foster, chairman, Department of Food Microbiology and Toxicology, University of Wisconsin, Madison;
- Carole Glade, director, Office of Consumer Affairs, Morris County, N.J.;
- Dr. Norman D. Heidelbaugh, College of Veterinary Medicine, Texas A & M University, College Station, Texas;
- Wilfred E. Kaney, president, Kaney Foods, San Luis Obispo, Calif.;
- Stephen F. Krut, executive director, American Association of Meat Processors, Elizabethtown, Pa.;
- Robert H. Lounsberry, secretary, Iowa Department of Agriculture, Des Moines;
- Derrill McAteer, general manager, Lykes Brothers, Inc., Cattle Feeding Division, Brooksville, Fla.;
- Dr. Ernest Ross, poultry scientist, University of Hawaii, Honolulu;
- Ken Rutledge, director of procurement and processing, Norbest, Inc., Salt Lake City, Utah;
- Yvonne Vizzier, vice president, Marshall Durbin Co., Jackson, Miss.;
- William D. Waters, president, Stillwaters Farm, Palmyra, N.C.; and
- Dr. George D. Wilson, vice president for scientific affairs, American Meat Institute, Washington, D.C.

With the exception of Dr. Brickenkamp, all members are appointed for two-year terms. Since she has already served five consecutive years on the committee, Dr. Brickenkamp is eligible for only a one-year appointment.

Coleitriol and poultry

MINNEAPOLIS, – The hormone calcitriol, the final active form of vitamin D, is necessary to maintain normal calcium metabolism in poultry, according to Dr. Joseph H. Soares Jr., professor of nutrition in the department of poultry science at the University of Maryland.

Speaking to more than 600 scientists, nutritionists and feed industry representatives at the 33rd Annual Pfizer Research Conference here, Dr. Soares said, "Even though calcitriol is required for poultry to metabolize calcium, if hens are fed only this hormone form of vitamin D for several weeks they will not demonstrate normal egg hatchability. Therefore, the vitamin D deficient egg will cause abnormal calcification and development of the embryonic beak which, in turn, seems to be caused by inadequate transfer of calcitriol to the egg."

Dr. Soares' research shows that hens produce high levels of the hormone during periods of shell calcification. Experiments show that there is a direct correlation between calcitriol concentrations in hens and the thickness of the egg shells they produce. Hens that are too young or too old to produce eggs or are not laying have lower concentrations of calcitriol than hens in active lay.

Administration of estradiol and other sex hormones stimulate the kidney enzyme responsible for the last step in the synthesis of calcitriol.

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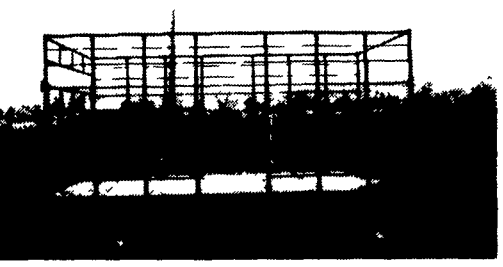

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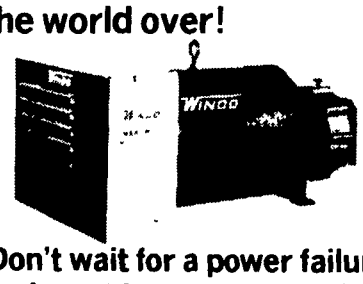

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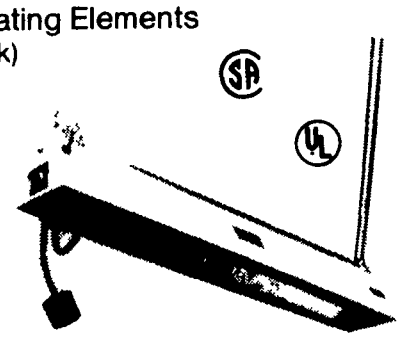

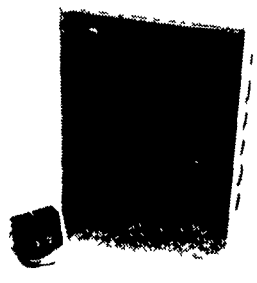

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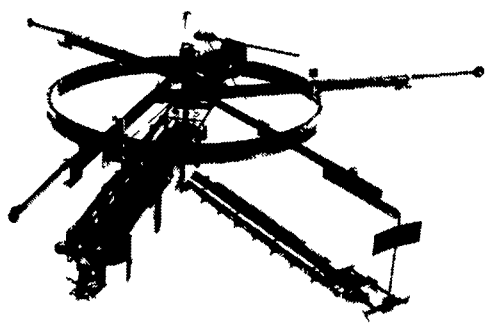
BUSINESS NEWS...

Silo-Matic 9200 Unloader



The Silo-Matic 9200 Unloader provides high-volume forage discharge for modern feed lot efficiency. The main drive has no collector ring to short out and rotates at only 110 RPM to give longer running life. On the outer end of the heavy duty 16-inch auger is a 12-inch stub auger with knives and a heavy duty five-bladed cast chipper wheel with reversible hardened knives. A floating drive socket with a friction disk slip clutch moves the unloader around the large 9-foot-diameter ring. The 16-inch, heavy-duty auger is powered by a 60-pound gearbox which brings forage to the center for the delivery chain. A heavy duty hook chain with hardened cutters conveys the high volume of forage from the sweep auger to the inside chute. For more information, contact Fickes Silo Co., Inc., Newville.

ABS names vice president

DeFOREST, WI – Jacqueline L. Cochran has joined American Breeders Service as Vice President, Finance according to an announcement by Dr. Robert E. Walton, President and General Manger of ABS.

Cochran was born in Franklin, Indiana, then moved to Mount Vernon, Iowa. She earned a B.A. in Economics in 1975 from DePauw University graduating with High Honors and Honors in Major Field and then studied at the University of Chicago Graduate School of Business where she obtained a Masters in Finance in 1977.

Following graduation, Cochran was employed for two years as Financial Analyst for Pan American World Airways. She then joined W.R. Grace & Co., parent company of ABS, as Financial Analyst for the General Business Group (GBG) based in New York.

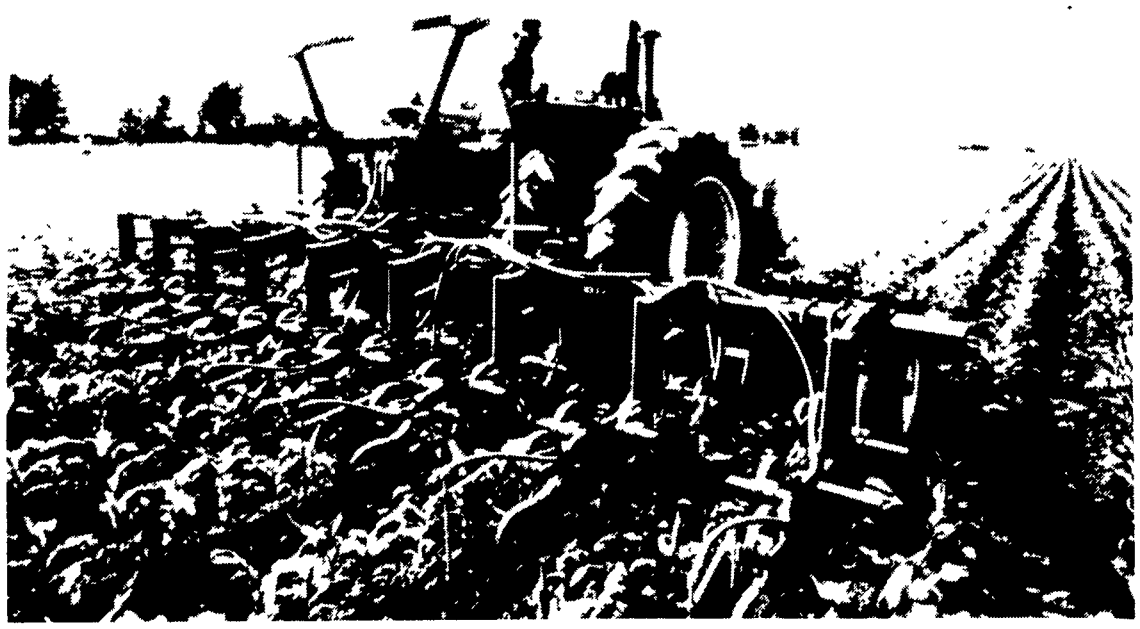
Cochran was named Sr. Financial Analyst (GBG) in 1980, Manager of Financial Planning (GBG) in 1981, and Director of Financial Planning & Analysis (GBG) in 1982. She held this position until her recent appointment with ABS.

Jacqueline L. Cochran

Agway's new horse feed

A new horse feed in "nugget" form has been introduced by Agway. Designed to reduce digestive disorders, it also promotes more complete utilization of feed nutrients.

In some soils, sulfur is "fourth major nutrient"



Piggybacking sulphur with sidedressed nitrogen will help avert a mid-season S deficiency and maintain an optimum N:S ratio within the crop. Here, corn grower bands both nutrients in one application during cultivation.

Trivia Quiz: Name two common traits of the following fertilizers– urea, anhydrous ammonia, N solution, ammonium nitrate, ammonium phosphate, triple superphosphate and muriate of potash.

Answer: They're all popular, high-analysis grades that let farmers and dealers apply more N, P and K per payload, and they all share the dubious distinction of not containing any sulphur – or what many agronomists now call the fourth major nutrient.

As a result, crops grown in fields treated with these concentrated fertilizers could run short of sulphur this summer and suffer reductions in yield, quality and protein content, says Bob Morris, agronomist at The Sulphur Institute.

The need for sulphur in profitable, high-yield crop production is not something new, but its benefits weren't fully appreciated until farmers unintentionally stopped using it in their fertilizer programs.

"Years ago, when farmers used lower analysis N-P-K fertilizers such as normal superphosphate, low-grade potash salts and ammonium sulfate, they automatically applied significant amounts of sulphur to their fields, often without realizing it," Morris explains.

"But now, with farmers consistently applying high rates of concentrated N-P-K fertilizers, crops aren't getting as much S as they used to and we're seeing sulphur deficiencies appear where we have not before."

More than 20 years ago, crop responses to sulphur had been officially recorded in 13 states. Today the number is up to 35, and it is likely that S deficiency will continue to spread unless farmers take steps to reverse the trend.

Higher crop yields naturally require higher rates of all nutrients, Morris adds. A 200-bushel corn crop, for example, removes 33 pounds of sulphur from each acre of soil.

More Prevalent This Season

Morris suggests that sulphur deficiencies could be even more prevalent this season because some grain farmers, in an effort to reduce crop-production costs and improve cash flow at planting time, may have decided to "economize" with only a basic N-P-K program in areas where sulphur is needed.

"You have to remember that if a crop has a significant shortage of any one nutrient–whether it be sulphur, zinc, magnesium or whatever–it's not going to be able to make efficient use of N, P, K or other nutrients," Morris says. "Economizing on well-balanced fertility could end up costing you money instead of saving you money."

Morris warns that heavy rainfall in some regions of the country may increase the probablity of a mid-season sulphur deficiency. Like nitrogen, sulphur is a mobile nutrient and, in coarse-textured soils, is easily leached from the topsoil, beyond the reach of crop roots.

"If you think excess moisture leached some nitrogen from your soils, you probably lost some sulphur as well," he says. "If you are sidedressing or topdressing nitrogen, you might consider including some sulphur."

Morris says tissue testing will provide a good indication of a crop's sulphur status, especially if results are cross checked with recent soil-test results and field history.

"If the N:S ratio is wider than 15 to one, your crop may benefit from sidedressing sulphur," Morris says. Because sulphur is not as readily absorbed from the soil as nitrogen, a narrower ratio of applied N and S is recommended to maintain a 15-to-one ratio within the crop.

Farmers should be selective when buying a sulphur fertilizer for mid-season applications. Morris recommends a fertilizer containing sulphur in a soluble form to ensure faster crop uptake. Other nutrient needs should also be considered, as many sulphur sources also contain nitrogen, phosphorus and zinc.

For more information on sulphur's role in profitable, high-yield crop production, write to The Sulphur Institute, 1725 K Street NW, Washington, D.C. 20006.

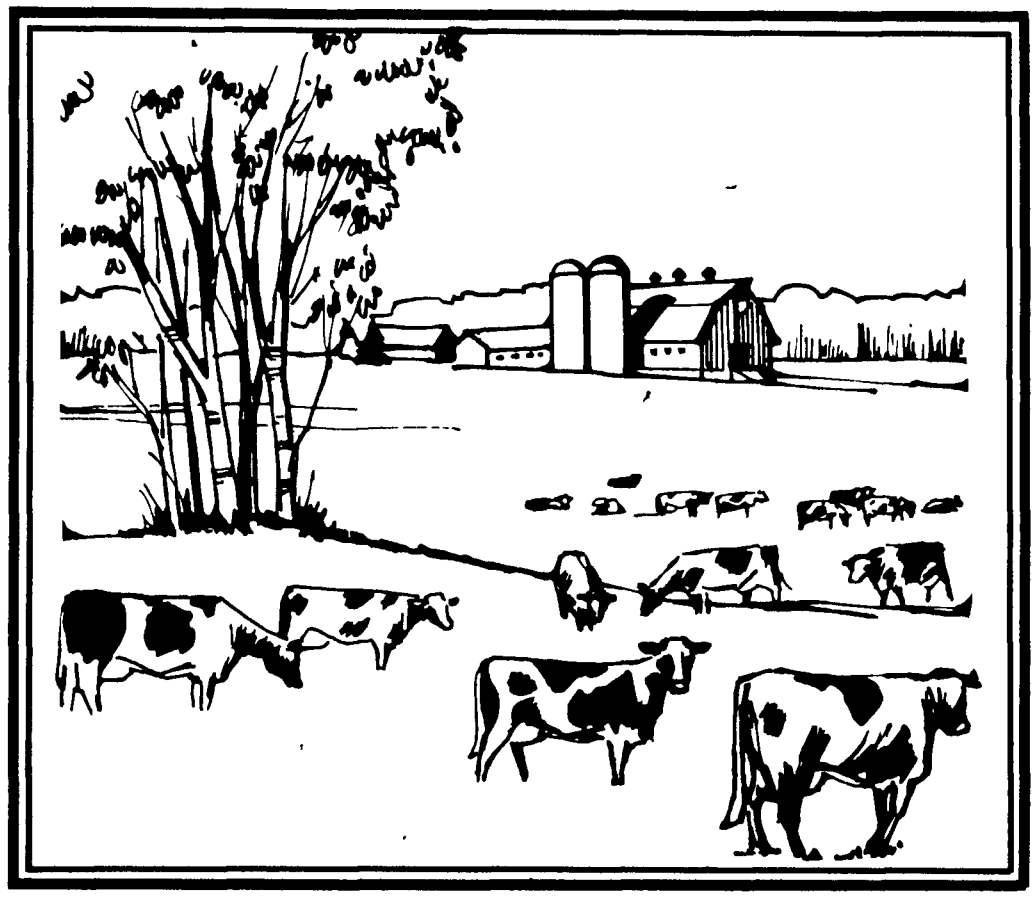
Lehigh distributes cash dividend

Lehigh Valley Farmers president Alpheus Ruth made a "special delivery" to Plushanski Farms in Kutztown. Charles Plushanski and more than 1300 other Lehigh producers received dividend checks this week.

Part of an overall cash dividend payment of nearly $600,000, the checks accompanied patrons' certificates of equity in the organization that totalled more than $3 million.

During the past year Lehigh Valley Farmers also paid out nearly a million dollars in premiums and quality bonuses. The cooperative's members produced 894 million pounds of milk last year.

PREDICTED DIFFERENCE



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Nutrition and dairy cows

MINNEAPOLIS – Though rumen fermentation can easily supply the necessary protein for moderate milk production in dairy cows, it may not prove sufficient to meet the protein needs of high milk producers, according to Dr. Werner G. Bergen, professor of animal science, Michigan State University.

Speaking to more than 600 scientists, nutritionists, veterinarians, and feed industry personnel at the 33rd Annual Pfizer Research Conference here, Dr. Bergen said, "When a cow's daily milk production is below 45 lbs., and daily gains of growing beef cattle are below 2.0-2.3 lbs., the rumen supplies adequate protein to the animal. However, higher-producing ruminants require all of the microbial protein produced by ruminal fermentation, plus substantial amounts of dietary protein that escapes ruminal breakdown."

Werner G. Bergen

As the proportion of this rumen undegraded protein (RUDP) increases in the diet, the balance of essential amino acids becomes critical. Microbial protein (MCP) and RUDP combine to become the protein source available for digestion and absorption in the small intestine of ruminants. As long as MCP represents 40 percent or more of the protein flow to the small intestine, the nutritional quality or amino acid balance should be favorable.

According to Dr. Bergen, in cattle fed RUDP sources such as soybean, heated soybean or corn-gluten meal there were little differences in amino acid profiles of digesta in the small intestine. Feeding essential amino acids singly did not stimulate milk production. However, as the productive levels of dairy cows continues to increase, it will probably become necessary to feed rumen-protected methionine, lysine and possibly tryptophan and threonine, to provide sufficient protein for the ruminants.

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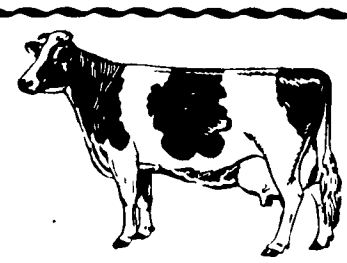

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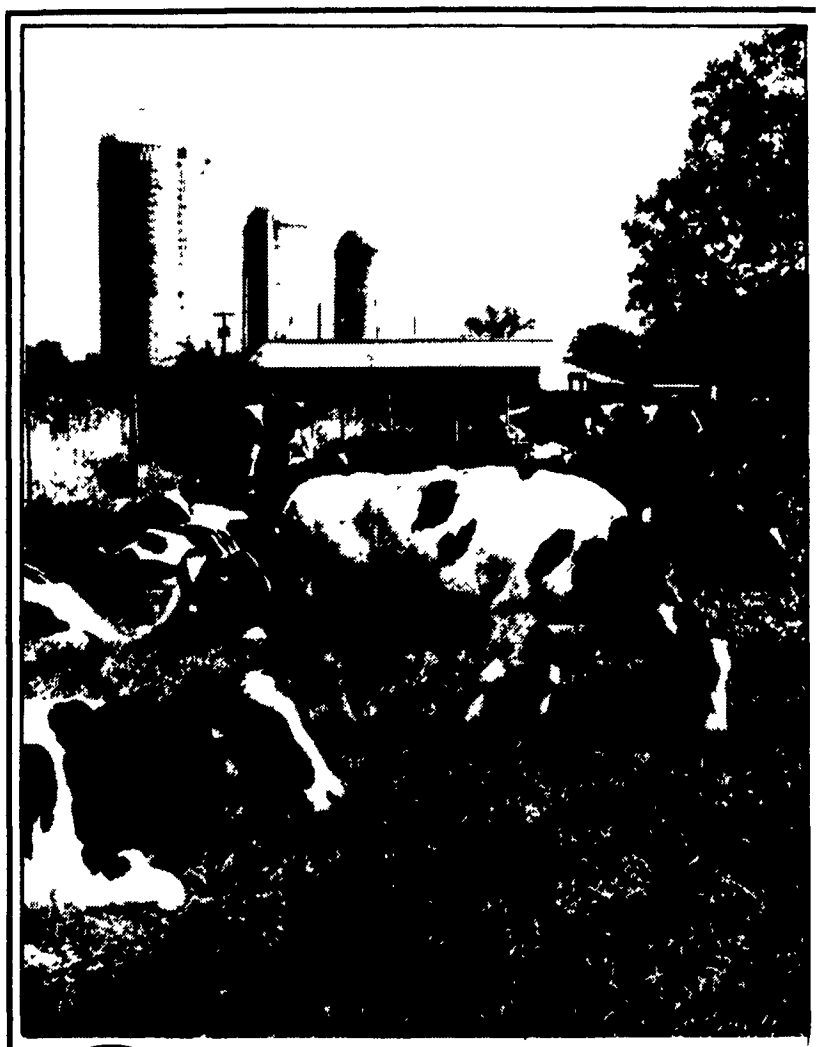

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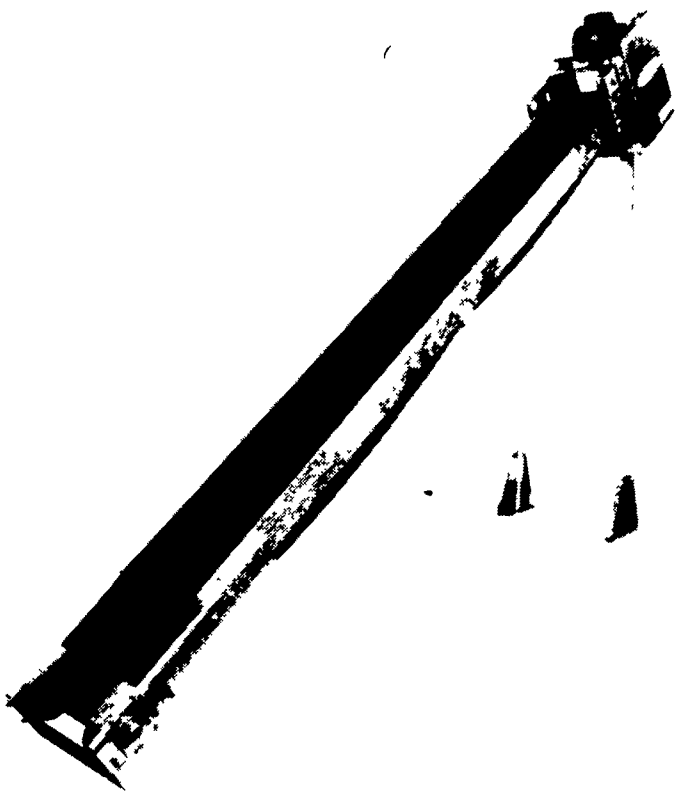

The Model 40 Volume Belt conveyor from Butler Livestock Systems.

New conveyor designed for short spans

FORT ATKINSON, WI – For conveying feed over short spans, Butler Livestock Systems' new Model 40 Volume Belt® Conveyor provides a low-cost solution. It's specifically designed for uses such as short distance conveying to feeders, into and out of mixers, and for use in feedrooms. Maximum length of the feeder is 40 feet.

Built of heavy-gauge, weather-resistant steel, the Economy Model 40 provides a choice of belts: standard, smooth surface belts in 14-inch and 18-inch widths for up to 15-degree elevation; and rough top belts in 14- and 18-inch widths for up to 30-degree elevation.

Economy features include a simple, efficient drive unit; convenient, easy belt tightener; greasable bronze bearings; and a rod type idler roller that eliminates feed buildup. In addition, the Model 40 has greater capacity than chain or auger systems.

A special feature of the Model 40 is the deep-trough, "airborne" belt.

Because 46 percent of the 14-inch belt and 58 percent of the 18-inch belt rides over air – instead of sliding on a metal surface – there's less drag. This lowers energy requirements and reduces wear. The belt's concave shape allows it to carry more feed than a flat belt. For example, the 18-inch belt carries 160 percent more feed than a flat 16-inch belt.

Bank promotes ag lender

HARRISBURG – Milton S. Hefft of Mount Joy has been promoted from senior agricultural lender in Commonwealth National Bank's Agri-Loan Department to assistant vice president and commercial loan officer in the bank's Lancaster Region.

Hefft's office is at the bank's Lancaster Region headquarters, 28 Penn Square, Lancaster.

Prior to joining Commonwealth National bank in 1983, Hefft gained credit and loan experience as Lancaster field representative for the Federal Land Bank of Baltimore, senior loan officer at the Lancaster Farm Credit Association, and, more recently, as branch manager of the West Central Farm Credit Association, Centre Hall, Pa.

Hefft is a 1979 graduate of The Pennsylvania State University at University Park, where he majored in accounting. He also is a 1975 graduate of Dallas (Pa.) Area High School.

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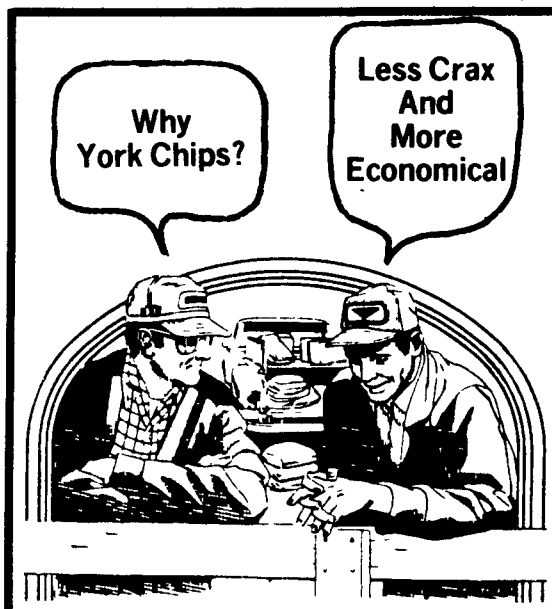

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33 cooperative directors graduate from second directors school

The Farm Credit System

Farm Credit News

UNIVERSITY PARK — Thirty-three directors from twenty-two cooperatives around the state of Pennsylvania, as well as New York and Virginia, graduated from the second annual Pennsylvania Cooperative Director School recently held at Penn State.

"Coming to the Cooperative Director School will be one of those decisions that will benefit you for years to come," said Dr. Samuel H. Smith, dean of the College of Agriculture at Penn State, at the graduation ceremony. "This was your chance to learn some techniques and skills that will help you as directors and managers improve profitability and improve the quality of farm and rural life.

"As directors, you are elected to provide leadership to your cooperative. Many times during your term of office you are faced with a dual challenge. First, you were elected to represent the membership of the cooperative. Second, you are charged by law with the duty to conduct business reasonably."

Chester Heim, Deputy Secretary of Agriculture, said, "Cooperatives play a key role in keeping Pennsylvania at the forefront of production activities in the United States and agricultural marketing. Leaders of these businesses must recognize their responsibilities and the opportunities as directors in maintaining sound business organizations if Pennsylvania is to continue as a leading agricultural state."

Dr. Smith and Chet Heim presented plaques and certificates to each director confirming his successful completion of the training.

The school was sponsored by the College of Agriculture, Penn State, and the Pennsylvania Department of Agriculture with the cooperation of the Pennsylvania Association of Farmer Cooperatives (PAFC).

Faculty from cooperatives and the College of Agriculture taught two phases over a five-day period.

The Cooperative Director School is held annually. The topics and sessions are geared to the needs of directors and to their boards. There are over 1,000 directors serving on boards of Pennsylvania's cooperatives eligible to benefit from this unique learning experience.

The Farm Credit System

York Farm Credit officials are congratulated after completing the recent cooperative Directors School at Penn State. From left are Jay V. Rush, General Manager of the York Farm Credit Service; J. Maynard Weary, FLBA of York Director, Cumberland County; Marlin E. Miller, PCA of York Director, Cumberland County; Dr. Samuel Smith, dean of the College of Agriculture at Penn State; and Chester Heim, Deputy Secretary of Agriculture.

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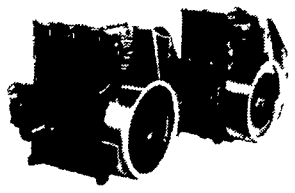

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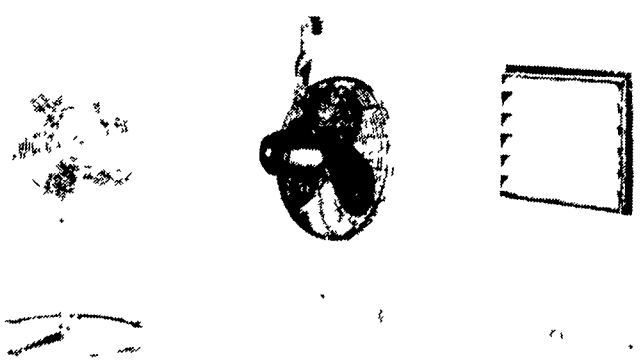

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Scholarship winner

WEST CHESTER – The Board of Directors of the Southeast Farm Credit Service takes great pleasure in announcing that Joan E. Comly has been selected as the recipient of its 1985 scholarship.

Joan is the daughter of Laurence and Maryanne Comly of Ottsville, Bucks County. She is a senior at Palisades Junior-Senior High School, Kintnersville, and will enter Delaware Valley College of Science and Agriculture in the fall. She intends to major in Ornamental Horticulture.

Joan E. Comly

Isaac C. Geissinger, a Quakertown dairyman and Vice President of the Southeast Federal Land Bank Association Board of Directors presented Joan with a $500 check and a commemorative plaque at the Awards Night ceremonies May 23 at Palisades Junior-Senior High School.

This scholarship is offered annually to a high school senior who is planning to major in some field of agriculture (or agri-business) at a 4-year college of a full-time basis.

Daugherty resigns

BALTIMORE – P. Robert Dougherty, Senior Vice President of Operations at the Farm Credit Banks of Baltimore and a distinguished leader in the nation's Farm Credit System, announced his retirement effective May 31. Dougherty's career with Farm Credit spans 34 years of professional achievement and service to American agriculture.

Raised on a farm that straddled the Mason-Dixon Line, Dougherty received his bachelor's degree in Business and Public Administration from the University of Maryland following three and a half years in the U.S. Marine Corps during World War II.

In 1951 he joined the Baltimore District of the Farm Credit System and worked as a loan officer and real estate appraiser in various affiliated Associations throughout Pennsylvania.

In 1961 he joined the Baltimore Banks staff, and served as an appraiser across the District's five states--Delaware, Maryland, Pennsylvania, Virginia and West Virginia–and was later promoted to Senior Credit Examiner, and Assistant Vice President, Operations.

In 1970 he was named Vice President and, in 1977, Senior Vice President. For the past 15 years Dougherty has not only headed the Baltimore Banks Operations Division, but provided his leadership to a number of national Farm Credit System committees.

New loan officer named in York

Susan K. Hoyt

YORK – Susan K. Hoyt, former field representative for York Farm Credit Service, has been promoted to loan officer serving the northern and western sections of York County.

Prior to joining York Farm Credit in October 1983, Hoyt attended the Pennsylvania State University where she received a BS Degree in animal production. A previous resident of Lycoming County, she presently resides in the York County area.

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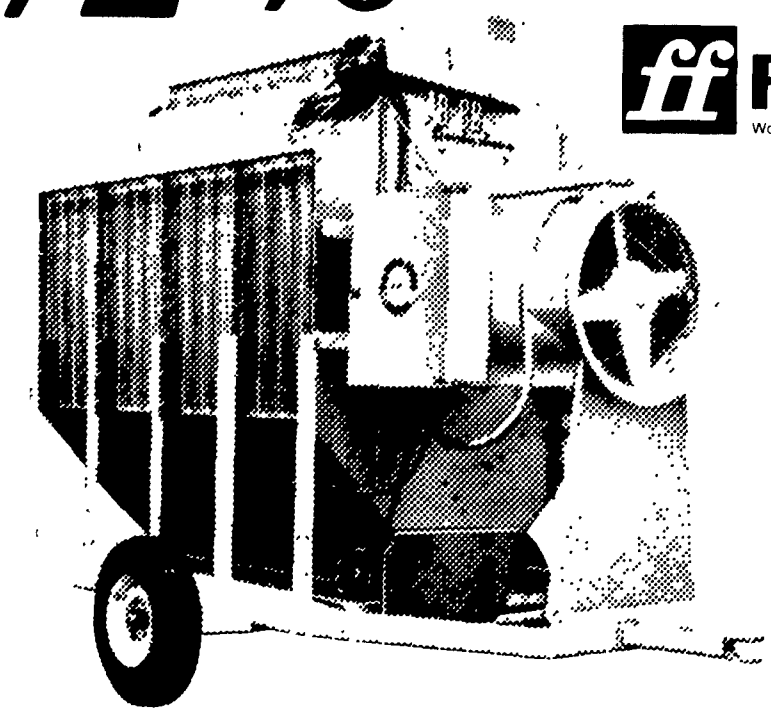

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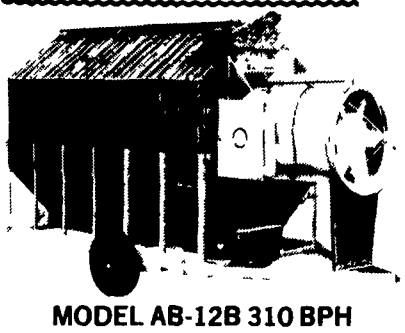

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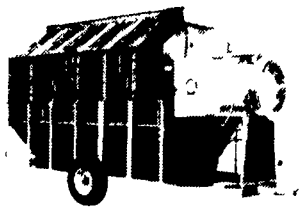

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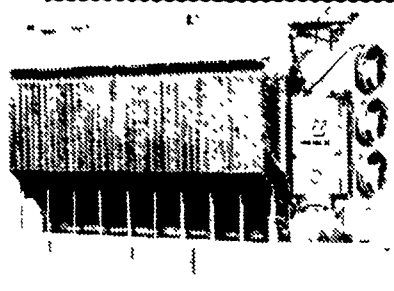

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New dairy feed from Agway

SYRACUSE, NY – Agway has reported dramatic improvements in milk production and feed efficiency in tests of new Pro:Right RC dairy feed. Tests at the Agway Farm Research Center resulted in milk production increases of as much as 9.2 per cow.

According to Dr. C. A. MacGregor, animal nutritionist for Agway Feed Services, regulated carbohydrates (RC) is a new concept that increases dairy feeding efficiency by regulating and balancing the carbohydrates in a cow's diet.

With the Pro:Right RC feed, both the cow and her rumen receive the correct amounts and balance of carbohydrates and protein. The result is greater efficiency and more profitable ratio of pounds of grain fed to pounds of milk produced.

The RC concept calls for regulating the amount of non-structural carbohydrate in dairy feeds to maximize energy efficiency in the rumen. Dairy scientists have discovered that, like protein, all carbohydrates are not the same.

In order to improve feed efficiency and milk production, dairy cows need specific amounts of structural and non-structural (NS) carbohydrate sources, as well as the right kind and amount of protein.

With both forms of carbohydrate needed to meet the energy demands of high-producing cows, the problem dairy scientists faced was: What is the right amount and balance of NS carbohydrate to maximize milk production, while maintaining milk fat test? Research at the Agway Technical Center enabled Agway to establish new NS carbohydrate values for individual feed ingredients.

Initial tests of grain mixes varying in level of NS carbohydrate were formulated and tested in milk production ranging from 5.8% to 10.0%, and increases in feed efficiency ranging from 5.2% to 10.0%.

Dr. MacGregor reports all test rations had the same concentration of crude protein, energy, minerals, vitamins and regulated protein solubility. The only significant difference was the amount of NS carbohydrate.

Bush Hog's new bale mover

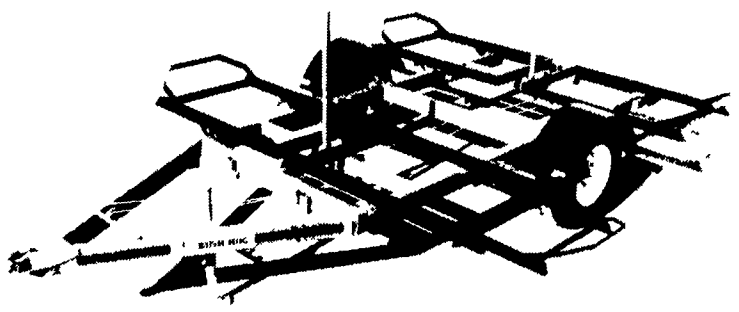
SELMA, AL – Bush Hog's new round bale mover allows one operator to safely and easily load and unload up to four large bales of hay.

Built low to the ground for easy loading with a three-point mounted bale spear, the mover's standard equipment includes center poles that allow visual placement from the tractor seat while they prevent the bales from extending past the center line. Remote pull ropes allow the operator to unload the bales one at a time.

After unloading, the cradles pivot quickly back into place and are held securely by automatic spring-loaded latches located below the frame to prevent hay interference and accidental release. Swing out brackets provide extra support to keep the bales on the mover when they are carried lengthwise and heavy duty fenders hold the hay safely away from the tires.

Other standard equipment includes a jackstand, safety chain and stake pockets. The mover converts to a handy off-road trailer by simply removing two pins on the bale cradles. Plywood flooring (not provided) and optional steel side rails complete the conversion to a utility trailer ideal for chores such as hauling fence material and firewood.

Bush Hog, one of the largest companies in the nation devoted exclusively to the manufacture of farm and land maintenance implements, markets more than 100 products through over 3,000 dealers in the United States and Canada.



The new round bale mover from Bush Hog allows one operator to load large bales of hay.

Hardi sprayer demonstration

About 50 orchard growers attended a Hardi sprayer demonstration at Cherry Hill Orchard sponsored by ABC Groff, Inc., New Holland. Hardi product manager for North America, Sten Kjelstrup was on hand to demonstrate the new innovations on Hardi orchard sprayers. Kjelstrup, a long-time associate with Hardi, has done an extensive research with mist blowers in Europe.

XXX

Snake venom is not only being used to aid people bit by snakes, it's becoming a valuable substance to make new drugs, reports National Wildlife magazine. Viper venom, for instance, is being used to make anti-coagulents that can dissolve blood clots. It's even proving effective in treating coronary heart failures where a clot is blocking the arteries that supply blood.

Salute to the Dairy Industry

During this time of economic hardship in the dairy and farming community, it is especially important that we recognize and applaud those people who have greatly contributed to America's health and wealth. It's a privilege to work with and for the dairy farmers of our area and to lend our support. We're behind you 100%!

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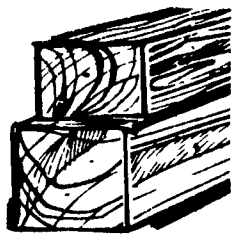

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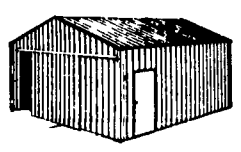

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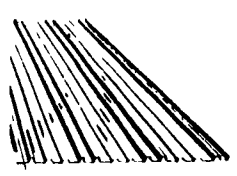

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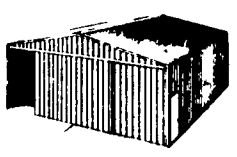

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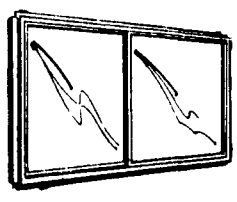

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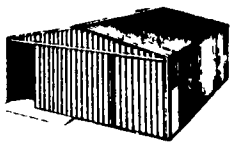

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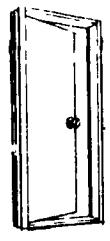

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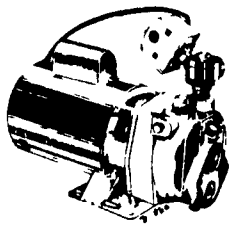

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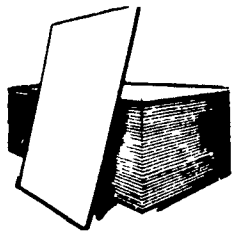

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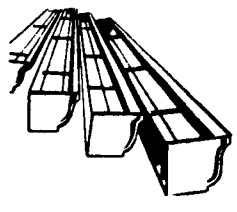

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Crops added to Parquat label

SAN FRANCISCO – Label changes have been announced for Paraquat+Plus and two other Chevron Chemical Company products.

Sixteen new crops have been added to the label for Paraquat+Plus, the fast-acting contact herbicide distributed by Chevron Chemical Company.

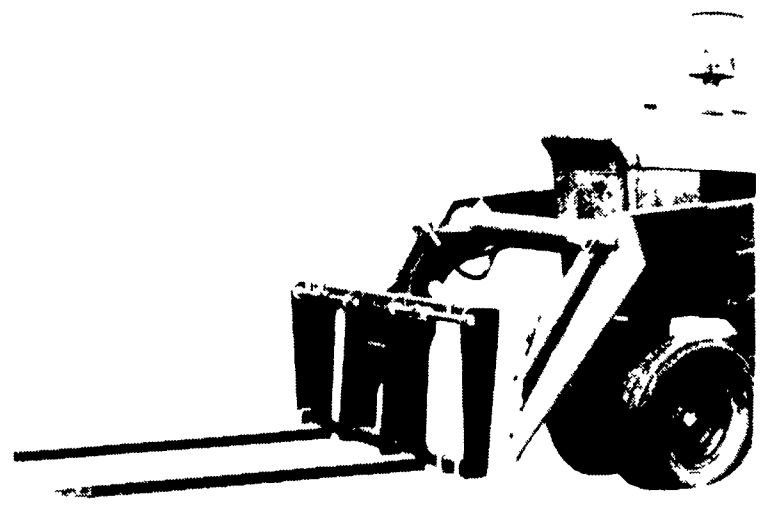
Paraquat+Plus is now labeled for preplant or pre-emergence use to kill emerged annual broadleaf weeds and grasses and for top kill and suppression of perennials on these crops: beans (lima, snap), broccoli, cabbage, carrots, cauliflower, chinese cabbage, collards, cucurbits (watermelon, cantaloupe, muskmelon, pumpkin, squash, cucumber), eggplant, peas, turnips, green onions and dry bulb onions.

The herbicide may now be used as a pre-emergence or preplant spray on established stands of asparagus, and approval has been granted for use of the product as a directed spray on kiwi fruit, pistachios and strawberries.

Orthene Specialty Concentrate–The morman cricket and black grass bug have been added to the label for pasture, rangeland and wasteland use.

Bolero 10G–The smallflower umbrellaplant has been added to the existing label for rice herbicide.

Lifting fork attachment



The Automatic MT-30 fork assembly converts a front-end loader into a handy lifting fork for jobs requiring high lift. Heavy-duty, reinforced moveable tines adjust for any load. The practical working height depends upon stability of the tractor and balance of the load.

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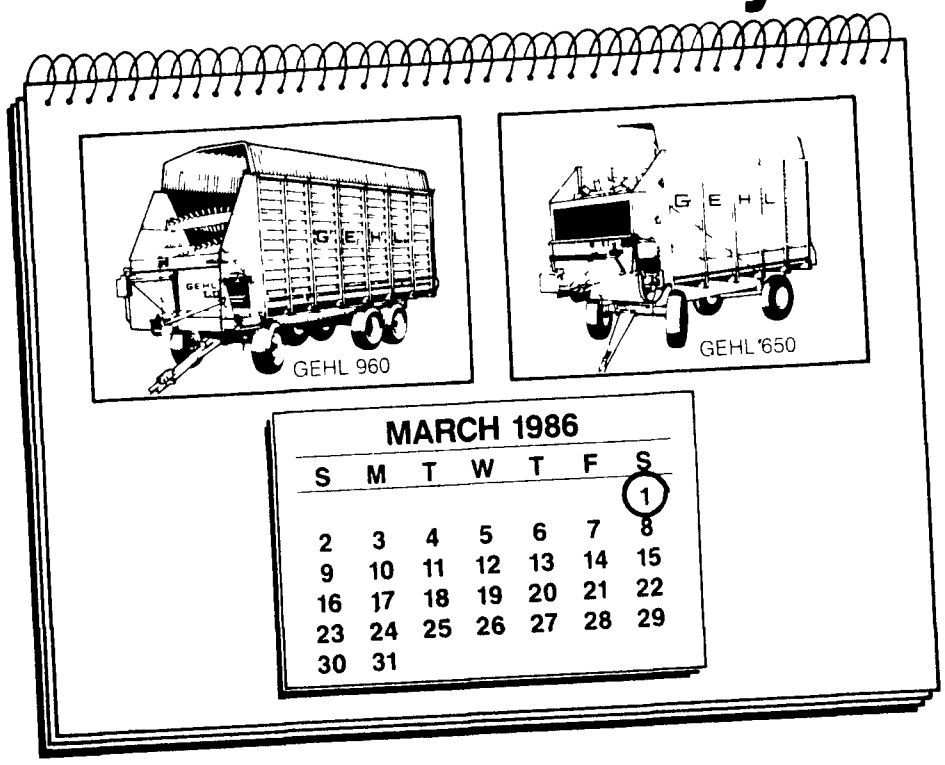

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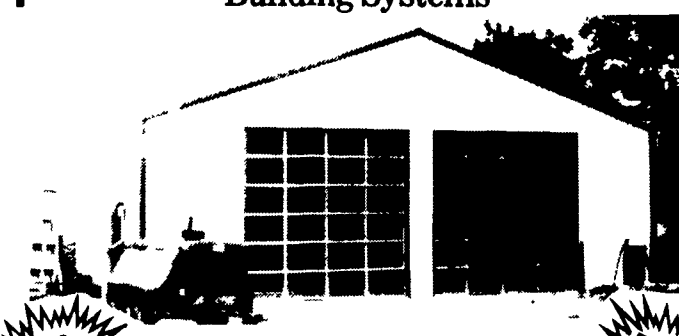

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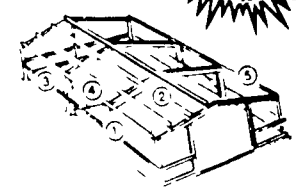

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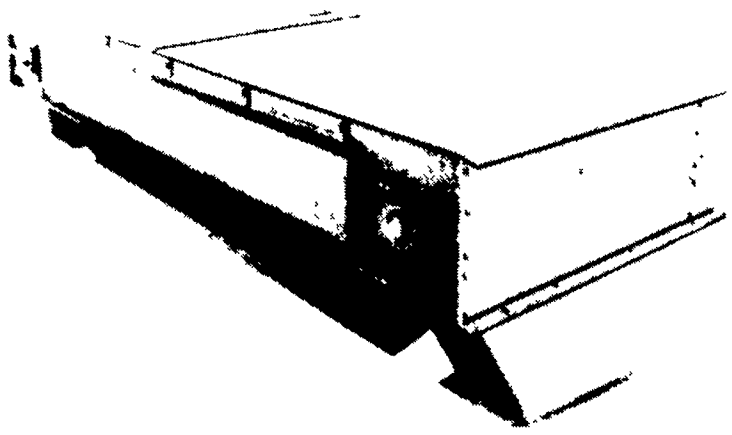

Pearson Industries, Inc., of Galva, Il., has introduced its new "Farm Size" Drag Scalper Screener with capacities up to 1500 B.P.H. It will remove fine material, coarse material, or both. Ideal for corn, wheat, beans and virtually every other grain or seed. It utilizes two screen decks and a flexible paddle drag system. Available with electric or gas motors, trailer-mounted and air-aspiration system.

Adams Electric names GM

GETTYSBURG – Daniel Murray has been named general manager of Adams Electric Cooperative, Inc. Murray assumed his responsibilities at the consumer-owned utility May 13.

Prior to joining Adams Electric, Murray served as general manager of Central Rural Electric Cooperative, Inc. in Parker, PA. Murray also worked as operations manager for Commonwealth Telephone, covering Tioga, Bradford, Susquehanna and Sullivan counties.

Murray is chairman of the PA/NJ Rural Electric Cooperative Manager's Association, he serves on the National Rural Electric Cooperative Association (NRECA) Management Advisory Committee, and the joint NRECA/CFC (Cooperative Finance Corporation) Telecommunications Committee. Murray is past recipient of the Pennsylvania Rural Electric Association's Legislative Leadership Award.

Murray is originally from the Wilkes-Barre area. He earned a

Daniel Murray

B.S. in Economics at Wilkes College, and he is a veteran of the United States Marine Corps.

Adams Electric Cooperative serves power to approximately 18,000 accounts in rural areas of Adams, Cumberland, Franklin and York counties.

Auto-feeding brochure

NORTH MANCHESTER, IN. – The Warner Corporation is offering a new brochure detailing its versatile Flex-Flo automatic systems for hog, poultry, and dairy feeding.

The four-page publication provides an application diagram and information on the system's individual components. Flex-Flo advantages such as complete flexibility, overhead system suspension, and full automation capacity are explained.

To receive a free copy of the brochure, contact The Warner Corporation, P.O. Box 180, 802 West Main Street, North Manchester, IN 46962. Telephone 1-800-348-6001 or, in Indiana, 219-982-2156.

Hog Slat products available nationwide

NEWTON GROVE, NC – Hog Slat, Inc., the largest manufacturer of concrete slats in the southeastern United States, has expanded its marketing and distribution network to coast-to-coast availability.

Hog Slat's initial sales drive outside the southeast is concentrated on its three most popular products: combination farrowing slats, farrowing crates, and stainless steel and galvanized feeders.

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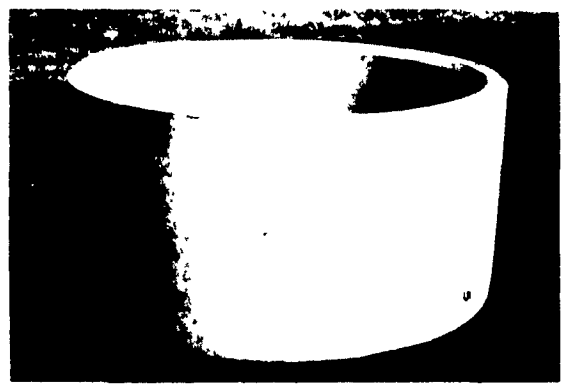

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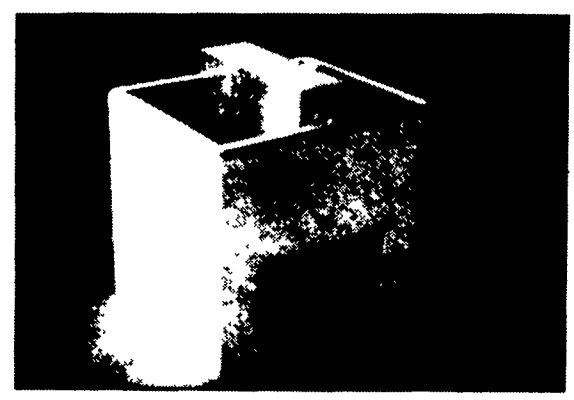

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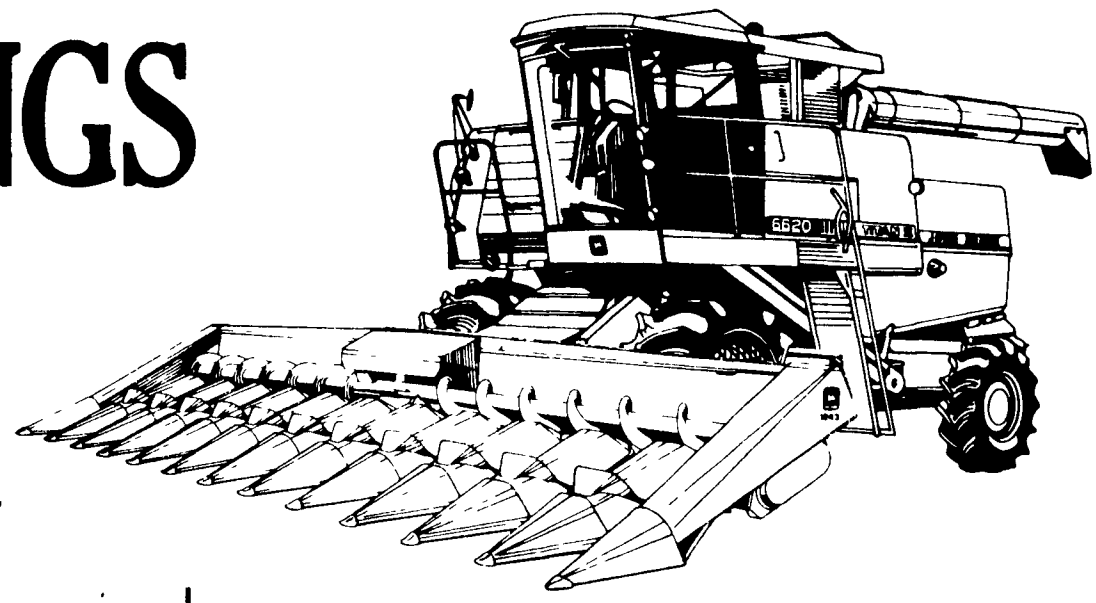

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U.S. faces stiff wheat export competition

USDA Farmline
News Service

WASHINGTON, D.C. – The United States is still the world's top wheat exporter, but competition is getting fierce and U.S. farmers seem to be taking a beating.

How much of the blame belongs to the strong dollar is not clear. Analysts also cite foreign farm subsidies, world debt problems, U.S. support programs that seem to provide a price umbrella to foreign producers, and the 1980 U.S. grain embargo.

Whatever the causes, the results are clear according to a recent issue of the Agriculture Department's *Farmline* magazine:

- Foreign wheat production set records in 4 of the last 5 years, while U.S. wheat production dropped from its 1981 peak.
- Total wheat exports of other nations reached record highs in 8 of the last 10 years, while the United States watched its exports fall below previous records in 7 of the last 10 years.
- The U.S. share of world wheat trade recently dropped below 40 percent for the first time since 1971. From 1975 to 1980, the U.S. share averaged 44 percent, and reached as high as 48 percent in the record export year of 1981.

Given the dependence of U.S. farmers on exports, these developments have left their mark. Domestic wheat demand is fairly stable, but it usually takes well under half the U.S. crop. The rest must go into exports–or into storage. About 55 to 60 percent of production entered world markets in the last few years, but that still left the United States with large stockpiles–and U.S. farmers with low prices. Wheat prices have fallen from an average $3.91 per bushel in 1980/81 to this season's expected average of about $3.35.

"If anything, the competition among exporting countries could intensify through the rest of the 1980's, particularly if global wheat trade grows as slowly as expected," says economist Allen Schienbein of USDA's Economic Research Service. World wheat consumption and trade will set new records, Schienbein explains, but the big U.S. export gains of the past will be tougher to achieve unless a major competitor suffers an unforeseen crop disaster.

Will the slight rise in world trade that's anticipated mostly benefit America's four major export competitors--the European Community (EC), Canada, Australia, and Argentina? Many analysts are reluctant to speculate, although they do agree that the competition isn't likely to relax.

Argentina: Number Five and Growing

Argentina is expected to export about 272 million bushels of wheat in 1984/85, or around 60 percent of its 467 million bushel crop. That's up from just 85 million bushels in 1970, although it is below 1983's record of 353 million bushels. The major reason for the decline in wheat exports is lower production. Many farmers have switched from double cropping wheat with soybeans to growing only early-planted soybeans in response to government policies and improved financial returns.

The economic problems in Argentina represent a threat to its agriculture, explains USDA economist Jorge Hazera, a specialist on Argentina's agriculture. "Wheat farmers may help dig the country out of its economic crisis, but only if the crisis does not first overwhelm them," he adds. Some of Argentina's problems: 700 percent annual inflation in 1984, an unwieldly $45 billion foreign debt, low prices for agricultural products, and a lack of farm credit.

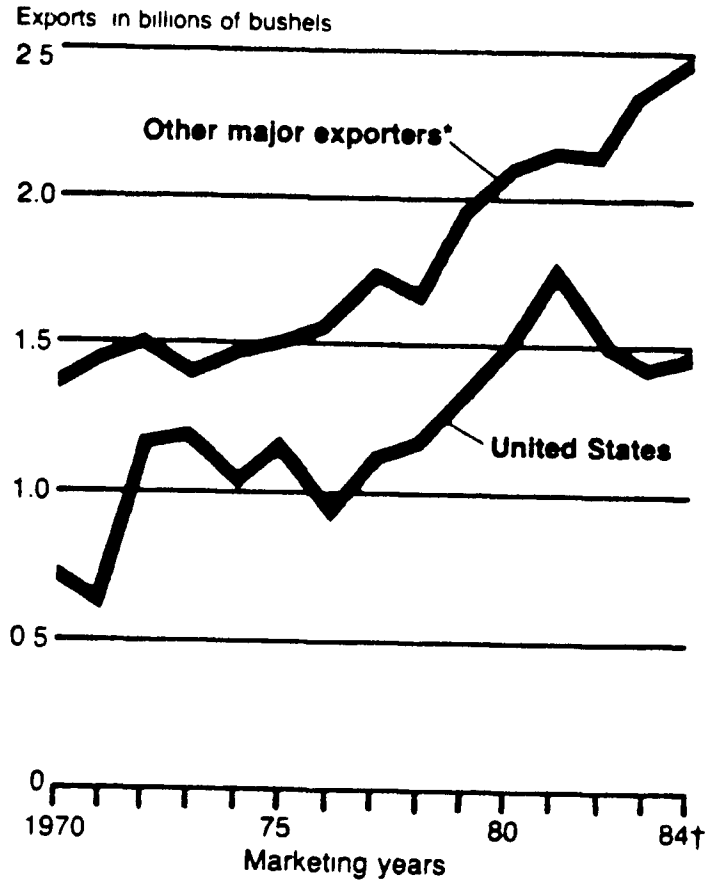
Wheat producers are also subject to the risk of changing government policies. To reduce this risk, farmers usually plant several crops and use as few inputs as possible in order to keep costs down. This agricultural philosophy has protected them from changing export taxes and exchange rates, but they could improve their yield above the current 33 bushels per acre with more fertilizer, Hazera points out. Only 15 percent of Argentina wheat farmers use fertilizer-compared with 75 percent of U.S. wheat farmers.

However, the news is not all bad for Argentine wheat farmers. Although they apply few inputs, their yield is still third highest among the largest exporters. Hazera explains that this is because Argentina is blessed with generally good farmland and weather.

The government has attempted to bolster wheat production by trying to balance the need for tax dollars with the farmer's need for higher prices. The new govern-

(Turn to Page E17)

U.S. growers: losing the export race



*Includes the European Community, Canada, Australia and Argentina
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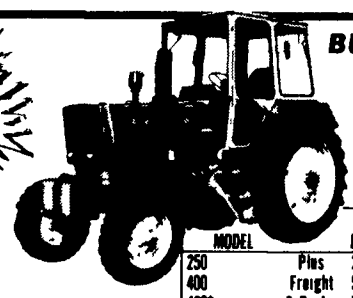

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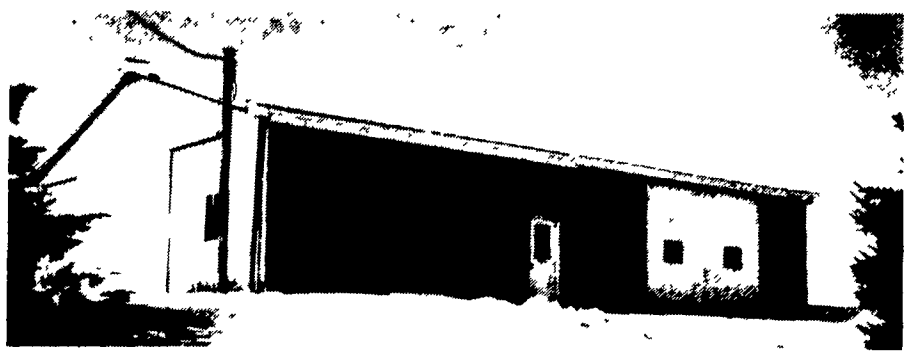

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Wheat exports

(Continued from Page E16)

ment, elected in 1983, reduced the export tax on wheat from 25 to 18 percent of the export price.

"For wheat, Argentina's greatest production increases will come from fertilizer use and increased yields," says Hazera. Given the balancing act that the government must perform to increase output and generate revenues and the growth of soybean area, Argentine wheat exports are not expected to increase dramatically.

Down Under: Australia

Australia is expected to export about 560 million bushels of wheat in the current 1984/85 marketing year, over 80 percent of its 680 million bushel crop. In 1970, exports were 350 million bushels. Currently, says USDA economist Allen Johnson, Australia sits at fourth place in world wheat exports.

Australia has one major wheat farming problem: Rainfall is minimal and highly variable from year to year, which results in large swings in output. Australia's parched climate limits the wheat producing areas, and irrigation is not a viable alternative. The arid climate also holds down yield, which at 21 bushels per acre is the lowest of the top 5 exporters.

Researchers are exploring improved wheat varieties better suited to Australian growing conditions. Some analysts see great potential for high-yielding, low-protein varieties for livestock feed, according to Johnson. To supplement this technology, farmers are becoming better managers. "Because of the critical moisture problem, it is vital that fields be planted quickly and harvested immediately after the crop has ripened to reduce loss. Thus, tight management combined with large efficient machinery is necessary," he adds.

Australian farmers benefit from a central selling agency, the Australian Wheat Board. The board has helped Australian wheat exports to more than double in the past two decades. Sales are made directly to government purchasing authorities as well as through private traders. In 1983/84, export volume was limited by handling and transportation problems. Moreover, Johnson says, the board's potential to increase exports and long-term selling arrangements depends on world market prices and competition.

To the North: Canada

Canada, the third largest exporter, harvested about 779 million bushels in 1984/85, and exports are expected to reach about 630 million bushels. Canada has traditionally been the second largest exporter, but its exports are unusually low this season because of poor weather. In 1983, bumper crops pushed exports to a record-breaking 801 million bushels.

Bad weather is often the bane of Canadian wheat farming, where drought and harsh winters can devastate crops, says economist Carol Goodloe of USDA's Economic Research Service. As a result of the climate, Canada's yield of around 24 bushels per acre is the fourth lowest of the top five producers–although 1984 was an especially bad year for Canada. And, if varieties are developed that better resist cold and drought, Canada could improve its low yield, according to Goodloe.

"Recently, about five percent of Canadian farmers have switched to hardy winter wheat varieties that can survive the cold winter and increase yields well beyond the more commonly grown spring wheat. Some analysts believe 20 percent of Canadian wheat area could be planted with the higher yielding winter wheat varieties by the end of the decade," Goodloe says.

Canadians are also learning how to better manage their low-moisture, heavily farmed land, says Goodloe. For example, to help

(Turn to Page E18)

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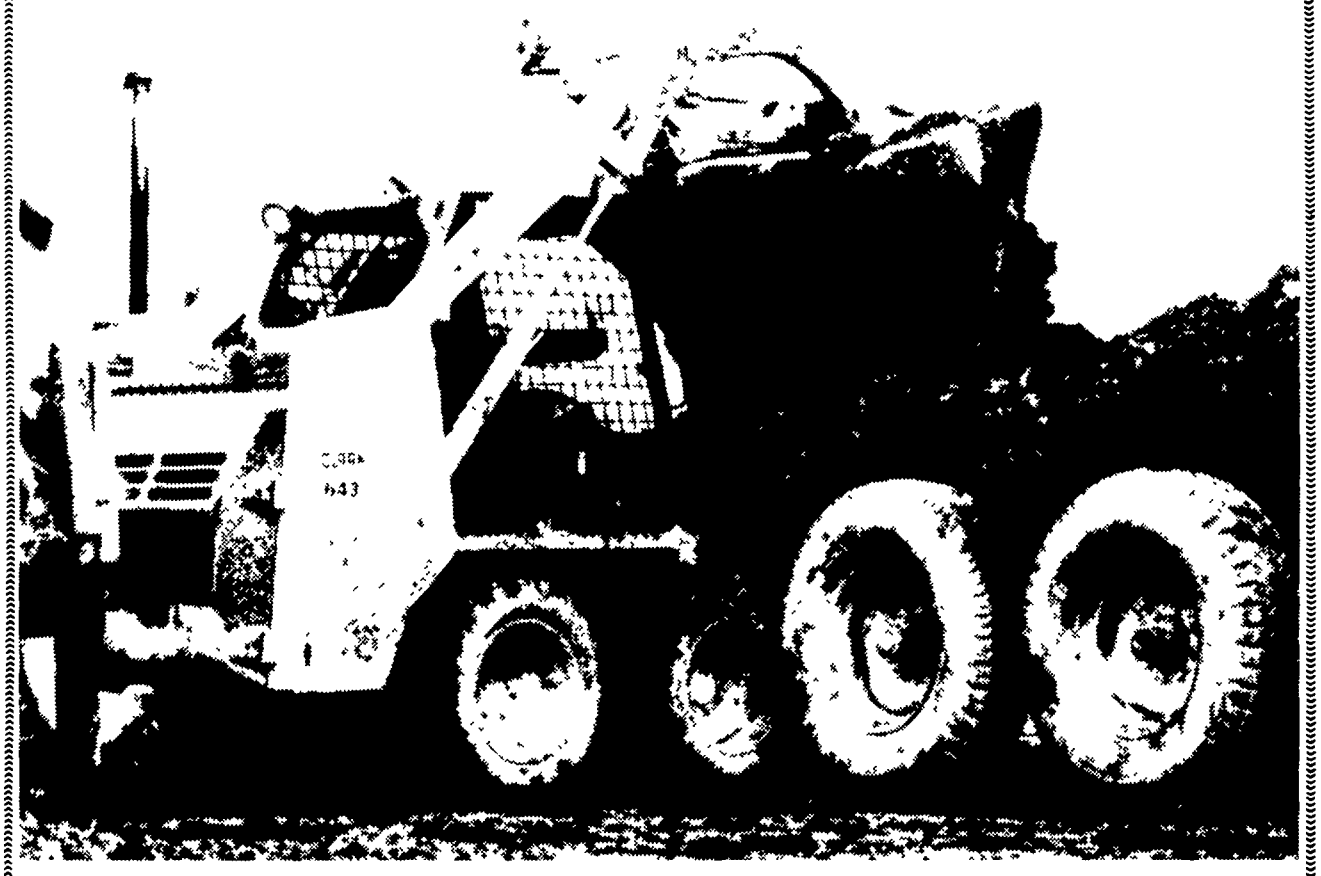

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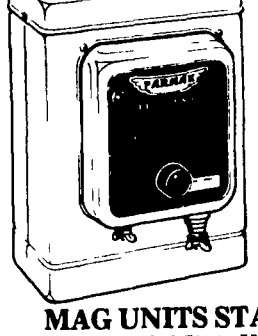

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Wheat exports

(Continued from Page E17)

retain soil moisture, they are experimenting with snow management in which straw or stubble are left on the fields to catch snow. When the snow melts, moisture is retained in the soil, Goodloe explains.

Canada's ability to expand planted area, combined with improved soil management practices and better wheat varieties, means more export competition for U.S. wheat farmers. Goodloe believes Canadian exports will probably continue to increase slowly but steadily through the next 10 years. Also available to Canadian farmers is their centralized selling agency, the Canadian Wheat Board, which will continue to try and make long-term sales arrangements to ensure farmers a constant export market.

Europe: Aiming for High Production

The European Community (EC) has experienced consistent growth in production and exports for over 20 years. This season is no exception. Recordbreaking 1984 production reached nearly 2.8 billion bushels, with about 995 million bushels available for export.

EC wheat–produced mostly in France, the United Kingdom, West Germany and Italy–is an example of high-intensity farming where inputs are poured on to deliver the best yield of all major wheat exporters–about 80 bushels per acre, more than double the U.S. yield. "EC wheat farmers may fertilizer their crop up to five times a year," says Ron Trostle, another USDA economist. And, to top it off, the EC can generally count on good weather for growing wheat.

Trostle points out that high yields and the EC's place as the second largest exporter are only side effects of a domestically oriented agricultural policy. "The EC provides high prices to support the incomes of the typical small-sized farms. In response to the high prices, farms produce more wheat than Europe consumes, and this leads to exports," he says. "But the exports are only incidental to their agricultural policy."

Even if EC exports are merely the end result of income support policy, they still cause problems, and competition, for U.S. farmers. "Unless there's an unforeseeable change in the world wheat market, yields will continue to rise about two percent per year in the EC. Because population growth is only three-tenths of 1 percent per year and wheat is already used heavily as livestock feed, the demand within the EC cannot be expected to grow. Thus, increasing yields will probably mean increasing exports," Trostle says.

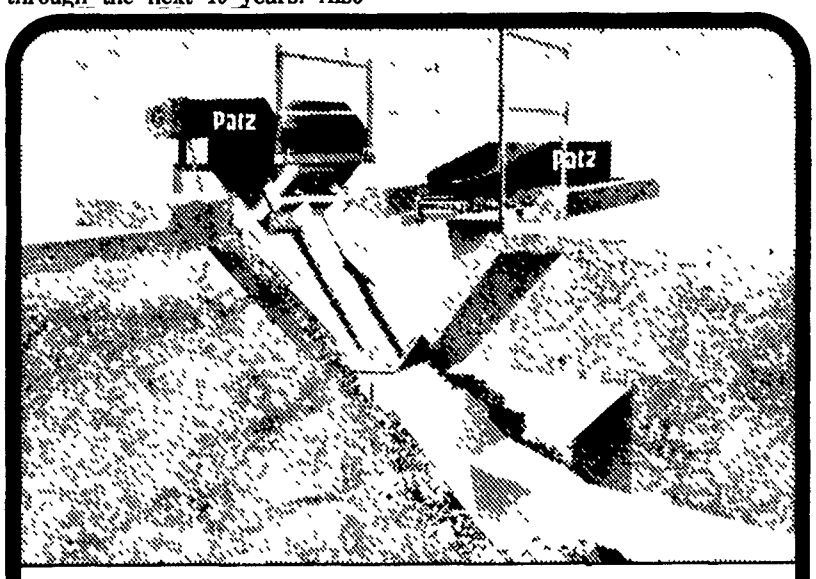
And more export competition for U.S. farmers.

XXX

Tons of hazardous pesticides, paints, cleaners and solvents stored in basements and garages may be the country's biggest hidden pollution problem, says International Wildlife magazine. A regional government agency in Seattle estimates there are more than 100,000 pounds of the banned pesticide DDT stored in the Seattle suburbs alone. Some 25 states are setting up toxic waste collection points to help combat this problem

XXX

Where you place birdseed for wild birds can be just as important as what you place in the feeder, says National Wildlife magazine Cardinals, for instance, seem to prefer a tabletop on which to eat sunflower seeds in the shell, while mourning doves fancy eating sunflower seeds off the ground.



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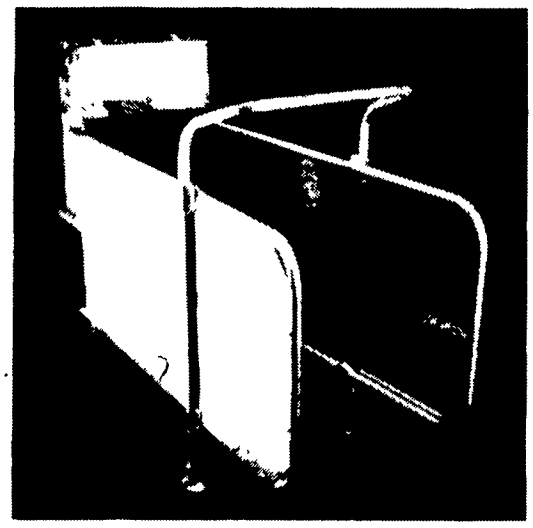

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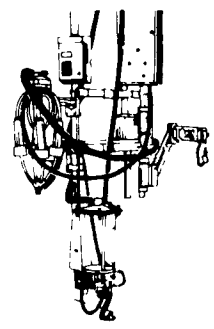

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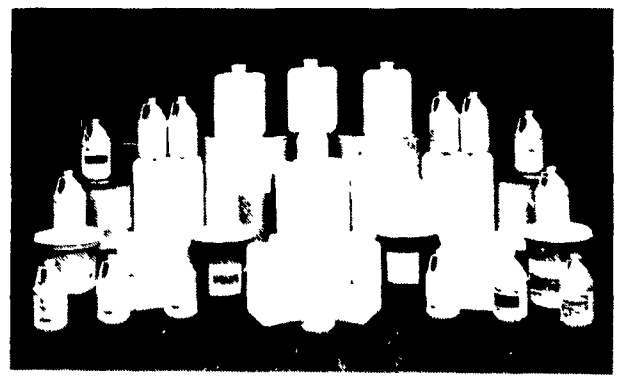

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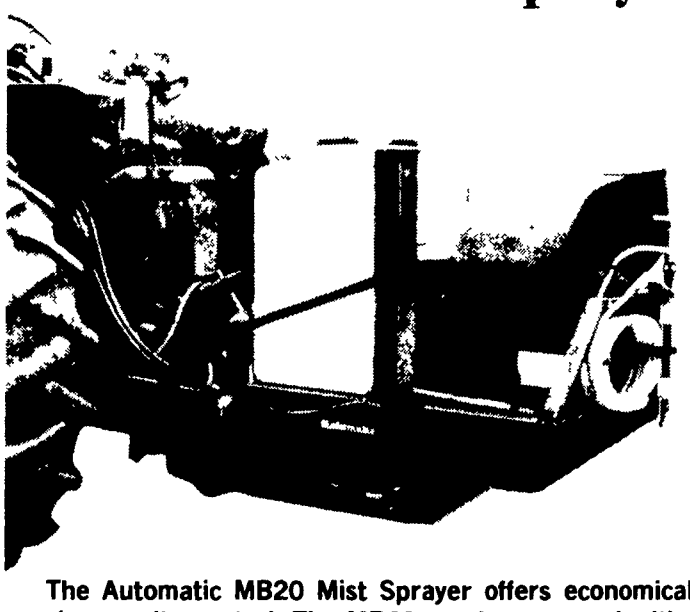

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Foliar fertilizers may remedy soil deficiencies

Budget-conscious farmers who opted for a basic, no-frills N-P-K fertilizer program last spring should keep their eyes peeled this summer for yield-limiting micronutrient deficiencies, says Don Johnson, agronomist at Arcadian Corporation.

A deficiency of zinc, magnesium, iron or other micronutrient–even for the shortest period–may severely limit the crop's yield potential and return on the farmer's N-P-K investment, he adds.

"Additional N, P, K and even sulfur can be sidedressed during cultivation," he notes. "But when it comes to applying small doses of micronutrients, you can't beat the response time or the efficiency of a proven foliar fertilizer."

Johnson says foliar micronutrients such as NZN, NMG or NFE are designed for use on crops with high-yield potential and are generally not recommended as replacements for good soil fertility.

"But if the crop is under stress from excess moisture, hail, disease, soil compaction or other condition that prevents roots from absorbing soil nutrients, a foliar fertilizer can nurse the crop through the stress period until it can function on its own," he explains.

In situations where soils can genuinely short of micronutrients, multiple applications of a foliar fertilizer may be needed to sustain an adequate nutrient balance in the crop, he says.

But a micronutrient deficiency is not a prerequisite for getting crops to respond to a foliar-applied micronutrient fertilizer, Johnson says. Research by Arcadian Corporation and several land-grant colleges has turned up yield increases in fields that were not considered to be short on micronutrients.

"Crop responses to NZN have been so consistent that you can't help but second guess current standards for zinc requirements in high-yield crop production," Johnson claims.

Foliar micronutrients can be applied by air or with a high-clearance sprayer, preferably with a routine pesticide to save a trip across the field. They can also be metered through overhead sprinkler irrigation systems.

Johnson reminds farmers that there are two types of foliar fertilizers–those that actually are designed specifically for foliar application, and soil fertilizers that are adapted for foliar use.

Quality foliar fertilizers solutions made specifically for foliar application generally allow farmers to apply greater quantities of fertilizer in a single pass. They also mix easily with most other pesticides.

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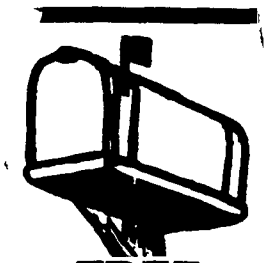

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HOURS:
Mon., Thurs., Fri.
8 AM - 8 PM
Tues. & Wed.
8 AM - 5:30 PM
Sat. 8 AM - 2 PM

MAILBOX MARKET

For Sale - Mobile home, 1965 Homemaker, 10x65', hardwood floors, storm windows, 3 doors, must be moved. $2,500. Cecil Co., MD. 301-398-6675

For Sale - AQHA Palomino mare, 10 yrs. old, white blaze and stockings on legs, exp. rider. $1,000. Leb. Co. 717-838-2640

For Sale - 469 NH haybine, $1,000.; 18' bale wagon, high sides, $600., 15 KW generator, $400 Leb. Co 717-866-6804

Wanted - Housekeeper needed for retired man Light housekeeping and cooking duties. Private room and bath provided. Phoenixville, Chester Co 215-644-9586

Wanted - Small wire corn crib. Bucks Co 215-257-7491

For Sale - Holstein and Brown Swiss cross heifers, due now. Daniel Stauffer, R.D.1, Box 267, Port Trevorton, Pa. 17864

For Sale - D-14 w/Ford loader, live power. Reason for selling, bought larger tractor to run blower. $2,200. Dauphin Co. 717-362-9104

For Sale - Cheviot Ewe and Ram Lambs, $40./piece. Also 1 Savnen Billy Goat. Lanc. Co. 717-665-5683

For Sale - 12 split chestnut rail w/3 hold post. $20.; Plateform Fairbank Scale, 500 lb cap. $60. 717-354-0616

For Sale - 7 yr. old black standardbred carriage horse. $625. Enos Stoltzfus, R.D.3, Box 437, Quarryville, Pa 17566

Wanted - Moveable chicken house, size 130 to 170 sq. ft. Isaac Fisher, Box 193A, R.D.1, Peach Bottom, Pa. 17563

For Sale - 1964 Ford F350, 12' stake dump, running condition. Berks Co. 215-562-8436

For Sale - JD 3010, A-1, original, solid, can be seen at Adamstown Equipment. Asking $3,975. Lebanon 717-949-2448

For Sale - Wisconsin VH and VP engines; VP, $375.; VH, $950. Christian Beiler, 68 S. Weavertown Rd., Ronks, Pa. 17572

For Sale - Polishing drum 2'x4', 2 h.p. motor, 84 RPM, $300; IH 5' Sweepster, PTO driven for Cub, $350. 717-435-0654

For Sale - 30 ton ear corn, $80. ton; 7 ton alfalfa, mixed hay, $70. ton Columbia Co 717-925-6607

For Sale - Case 600 combine, $1,000; JD 24T baler w/kicker, $1,000. Montgomery Co. 215-489-3892 after 6 p.m. or 215-933-8247 after 5 p.m.

For Sale - Single plow and cultivator for AC B, belt driven hammermill and corn sheller, 300 gal. skid tank. Dauphin Co. 717-944-1378

For Sale - Lockwood potato harvester, 4 row planter, washer, grader. Also 105 JD combine, $3,000. 609-448-0748

For Sale - 4 yr. old Bay Mare standardbred, carriage horse, broke, Grove wagon and bed, steel wheels. Lanc. Co. 717-354-9935

For Sale - Tag axle. Air quick lift, 11.00x20 tires; Log bunk body to mount on truck, 16'. Lanc. Co 717-665-3905

For Sale - Transplanter, Hershey 2 row, very good. Lanc. Co 717-665-3905

For Sale - Goats: Buck and doe kids. Also a few older animals. York Co 717-757-1960

For Sale - Case Bulldozer, Terra-Mater 1000, good cond. A very good buy Lanc. Co. 717-687-6980 after 5 p.m.

For Sale - MF 76 combine, Best Offer. Balto Co. 301-356-6279

For Sale - 4'x20' steel culvert pipe, $200.; Fox forage blower, $300.; NH 68 baler, $500.; Wanted - Bender milk receiver. 717-354-5691

Wanted - 5" mouth glass jar for butter churn paddes. Write and state price Ivan Hoover, R.D.1, Box 389, New Holland, Pa. 17557

For Sale - NI model 205 flail manure spreader, new chain, $750. Adams Co. 717-359-7542

For Sale - Sweet Potato Plants, Jersey Yellow and Nemi Golds. Along 322, 1 mile west of Honey Brook, Chester Co. 215-273-2810

Wanted - 3 pt., 4 row cultivator. Also D17 diesel or a D19, must be reasonable price. Adams Co. 717-359-4975

For Sale - IH 2606, wide front, PTO, 3 pt., power steering, weights, 55 h.p., gas, $2,750. Schuylkill Co. 717-345-8079

For Sale - Mushroom growing equipment, conveyors, air conditioners, sprayers, boxes or trays 2'x4' and 2'x5' turner, lights, etc. Ha. Co., MD. 301-452-8452

For Sale - Registered Jersey cow and calf; ¾ Arabian mare; 4 yr. old standard Schnauzer bitch. Chester Co. 717-529-2659

For Sale - Good 8' McCormick Deering binder, good canvas's and runs in oil. Any reasonable offer. York Co. 717-938-2372 evenings

For Sale - IH 706 diesel fast hitch, new paint; IH 990 9' windrower; NH baler w/hay preservative attachment. Indiana Co. 814-749-0879

For Sale - Commercial brushchipper woodchuck, 16" cut, 6 cyl. motor, extra set of knives, good cond. Carroll Co. 301-795-6484

For Sale - NH 737 direct cut head for 717, 718, Super 717 choppers, 6' cut. $400. Carroll Co. 301-848-0711

For Sale - 1974 LN8000 Ford 10' dump. $8,900. 304-735-3352

For Sale - 7' Ford 501 sickle bar mower w/extra knife, $475.; 165 gal. gas tank w/pump, $85. Berks Co. 215-488-1476

For Sale - JD FBB grain drill, 15x7" SD hyd lift, good cond.; '78 Ford C-800 grain truck. North'd Co. 717-758-3108

For Sale - Dry lime or fertilizer spreader box 32' seeder booms All hydraulic drive. Lanc Co 717-354-4996 or 215-445-7561.

For Sale - Pigmy goat kids Purebred-No papers Females, $50. Billies, $40. Lanc. Co. 717-786-7078.

For Sale - St. Bernard male, 3 yrs., nicely marked, loves children, $40. Chester Co. 215-274-8019.

For Sale - JD 8350 drill 18-7 bought new in 1985, $3,900. Massey 300 combine, $2,500. Will Deliver. Crawford Co 814-967-3223.

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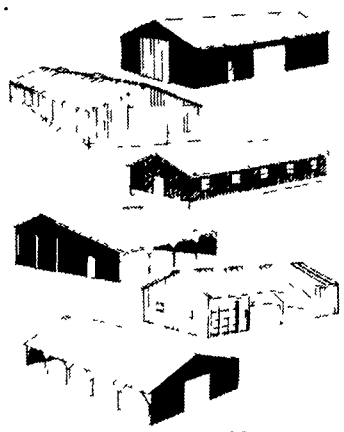

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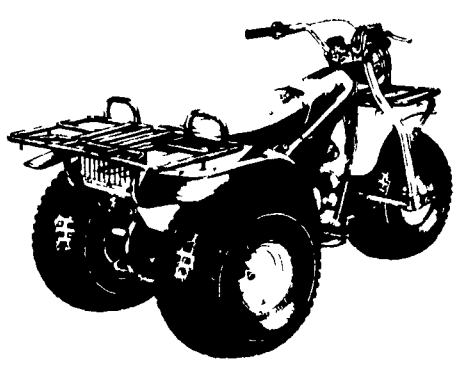

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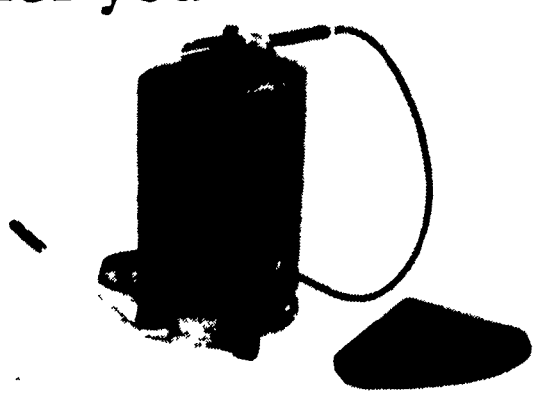

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MAILBOX MARKET

For Sale - Potato digger, JD levelbed, $375. Potato sprayer, Iron Age, 400 gal. wood tank Lehigh. 215-799-2824.

For Sale - Ferg. 30, 3 pt., 1 3/8 PTO shaft, 90% tread, engine reconditioned, new paint, $2,100. Montgomery Co 215-675-5354.

For Sale - 5' pull rotary mower, 3 pt. sickle mowers, Smoker hay elevator, IH semi-mount sickle mower. 717-345-4882.

Wanted - 15 bushels soybean seed and good heavy wagon running gear 717-758-2136.

For Sale - 14 room lodge for year round or summer home, nice cond. Blain area, Perry Co. Asking $46,900. 717-582-4147

For Sale - GRS 24-9' rake tedder, $1,200. Also Dion 3 beater wagon w/10 ton gear, $2,300. Cumb Co 717-423-6188.

For Sale - Good as new silage cart, $150 Amos K. King, Jr., 1160 Snyder Rd., Lititz, PA 17543 Lanc. Co

For Sale - JD Big 4, McDeering #9 and #7 mowers, all 6' cut. Gideon Stoltzfus, Blain, PA 17006. Perry Co.

For Sale - Leyland 384 tractor w/loader, $3,200 Harvey 30' grain & bale elevator, JD 3 pt. #9 mower. Schuylkill Co 717-345-4664.

For Sale - NH flail spreader, tandem axle, good conditon, $3,500. York Co. 717-229-2593 mornings.

For Sale - NH 55 rake, VG, $1,000 Also NH haybine Chester Co 215-255-4836.

For Sale - At Good's Auction, Leola June 1 & 5- Dried walnut luber; dired oak lumber. Lanc. Co 717-768-3676.

For Sale - Aluminum 7½'-9' flat truck bed, $150, good condition York Co 717-235-2032.

For Sale - Registered Holstein Heifer Calves from 1 wk. to 1½ months Sired by: Kranzdale Rebel Lanc. Co. 717-872-5663

Wanted - 500 used tomato baskets, good condition Joseph S. Peight, RD1, Box 48A, Belleville, PA 17004.

For Sale - 8' rotary hoe, $300, 40' grain elevator, $800, 1 ton scale, $450, 30" blower, $800 Northumberland Co. 717-286-5306.

For Sale - 1962 GMC ¾ ton pickup, very good condition, $1,250. 1976 4x4 GMC pickup, loaded, $4,000. Lanc. Co. 717-627-3803.

For Sale - 42 acre plot in Conestoga Valley District Possible subdivision Lanc Co. 717-665-5848.

Wanted - Old Dutch cupboard or corner cupboard 717-626-7854 or Box 21, Lititz, PA 17543

For Sale - 1935/36 CC Case Tractor, restorable, $200 16 disc Oliver grain drill on rubber, fair, $150 Balto. Co., MD 301-666-1680

For Sale - NH 455 trailer mower, $795; NH 270 baler, sharp, $695 Peque PTO hay tedder, demonstrator, $1,375 717-354-0266

For Sale - Two Guernsey cows due to freshen this week-June 1. Chester Co 215-696-1387.

Wanted - 2RN corn head to fit JD Model 35, 38, 3800. Will trade wide row Tioga Co 717-549-2157

For Sale - Dwarf rabbits, 10 white, 5 other colors, $3 ea. Cumberland Co 717-776-3342

For Sale - 6-10x22 tires w/rims, $100, 332 HD Ford TK engine (Seems OK), $50. Perry Co. 717-536-3241

For Sale - Border Collie pups at $25. Berks Co 215-987-6403

For Sale - 3 pt. conversion kit for IH fast hitch, $100 Balto Co., MD. 301-357-5304.

For Sale - Pull type disc opener; Black Hawk corn planter w/fert attach., good condition, $75 Lanc Co. 215-267-6886.

For Sale - Soybean Seed-Germ. 94%, Group #4, $10 bu. cleaned & bagged PD Prickett 609-261-4204

For Sale - Holstein heifers. Started calves through open heifers. Vaccinated, well fed on pasture/alfalfa hay and grain. 201-782-5304.

For Sale - MH SP combine, good condition, $1,400. MH clipper pull type combine, good condition, $250 York Co 717-292-1343

For Sale - 8N Ford tractor w/3 pt 5' master lawn mower. Snyder Co 717-374-8831

Wanted - 9' Pequea or Grimm ground driven hay tedder John Miller, RD1, Box 428, Wyoming, DE 19934. Kent Co

For 443 JD corn head, very good condition; 1975, 7700 JD combine, turbo, hydro, excellent. Clearfield Co 814-583-5332

For Sale - Profilic Shropshire ewe lambs, 2 yr. old Shropshire rams from D'Ambra and Shepard bloodlines Leb Co 717-949-3653.

Notice - FREE: 4 or 5 acres of hay-Cut it and take it Douglasville, Berks Co 215-385-3187 after dark

For Sale - 609 Pennlan, improved narrowleaf tobacco plants Elam Smucker, RD3, Box 35, Pumping Station Rd, Quarryville, PA 17566.

For Sale - 2RW or narrow head pickup head total electric control, 540 PTO, never used. Northumberland Co 717-758-3901.

For Sale - MH 50 clipper combine, 7' cut, PTO w/bin, good condition Lanc. Co 717-786-3734

For Sale - AKC Reg Siberian Husky 1 male, 2 female. Also 1 AKC Reg Cairn Terrier, male Lanc Co. 717-733-6697.

For Sale - DeLaval 75 milker pump, $100; '75 Honda CB360T cycle, new battery, $395 Lanc. Co 717-354-4677

For Sale - JD G w/front end loader, AC power unit, D4 dozer in parts, 3' plows. Clearfield Co. 814-345-5981.

For Sale - Davenport multiple spindle screw machine, good shape Eli Stoltzfus, 281 North 23, Bird-in-Hand, PA Bards Crossing, Hunsecker Rd

...ide hitch for H or M Farmall; 2 Hayeste automatic chicken feeders, each 150'. York Co. 717-235-5189.

For Sale - Pedigreed miniop bunnies, show quality Various colors including chocolate Broken and solid varieties. Leb. Co 717-865-2589

For Sale - Self catch headgate for cattle, in good condition, $175 215-857-2168.

For Sale - Bunk feeder mixer w/digital scales and 4 augers, mounted on dual wheel Chevy truck Leb Co 717-866-7565

For Sale - Dodge Travco fiberglass, 27' motor home, new radials, roof air cond., awning, generator, $7,500 Cumb Co 717-776-3305.

For Sale - Power unit, AC-B, 125, reduction gear, PTO; 700 BDL, 222 Varmit rifle, target scope So. Lanc. Co. 717-529-2528.

For Sale - 1979 Dodge Van, large side window, PS, PB, air, 7,000 lb capacity, $4,200. York 717-252-1008 after 4 PM

For Sale - Clean MF 175 diesel, $5,500 or best offer; IH sickle bar mower, $195 Cambria/Lanc. Co 814-344-8659 or 717-354-8832

For Sale - Asparagus John L.Beiler, R2, Box 121, Christiana, PA 17509 ½ mile east of Andrews Bridge

For Sale - Hay fluffer, model 44, made by Cunningham 301-239-3616

For Sale - Large butcher furnace, 2 hole Clarence Martin, R D. 1, Box 724, Grist Mill Rd., New Holland, PA 17557

For Sale - 3 year old Romney ram from spinners flock, proven breeder, outstanding fleece, $150 Chester Co 215-932-3577.

For Sale - Wirebound wooden folding crates, corn and 1 1/9 bushel crates. Northumberland Co 717-286-0926

Wanted - Pony cart and harness. Lanc. Co, Earl B Martin 215-445-4600

Wanted - Good used rinse tubs to use w/wringer washer. Lanc Co 717-665-6460.

Notice - For Rent Pasture, 5 acres, new fence. South of Reamstown Lanc. Co 215-267-2754

For Sale - Reg appaloosa bay mare, 6 year old, $500; yearling bay appaloosa fillie, $250 Juniata Co 717-694-3923

For Sale - 2 story frame house, aluminum siding, full basement, 2 acres Perry Co 717-789-3012 Mon thru Fri. 8-3.

For Sale - AC model 299 manure spreader, 180 bu., $650 York Co 717-266-1552 after 4 PM

For Sale - Hyd blade for JD 420 crawler complete w/hyd. cylinder and control. Lanc Co. 717-733-1009

For Sale - 2 Pigeon nests, $30; 2 cafeteria Pigeon feeders, $10, 2 pole pruners, 8', $8 ea 215-256-8650

For Sale - 2-3 burner New Perfection kerosene stoves, good condition Willis Matin, RD4, Box 501, Ephrata, PA 17522

For Sale - Wagon pusher for ACWD tractor, $50 Bucks Co. 215-536-9672

For Sale - Buggy w/hyd brakes, new wheels, $950 Ben Herschberger, Farmdale Rd., RD1, Box 59, Kirkwood, PA 17536

For Sale - 1962 slant six, Plymouth, suburgan, also 1967 Opel Kadet, needs motor work Middlesex Co., NJ 201-446-7376

For Sale - White 543 notill planter, 4RN w/monitor, good condition, $4,000, Farmall H w/cultivators, good condition, $1,295 Lanc 717-653-8703

For Sale - 4 horse combination horse/cattle trailer, A-1 condition w/tack compartment, $2,000 Adams Co 717-334-7524

For Sale - 22' Morgan grain body w/twin post hydraulic lift, good condition Priced reasonable, make offer. Fulton Co 717-485-3525

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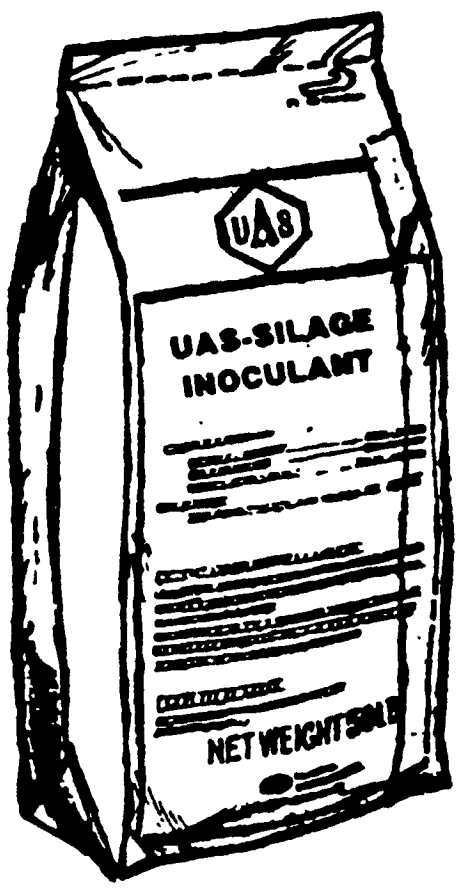

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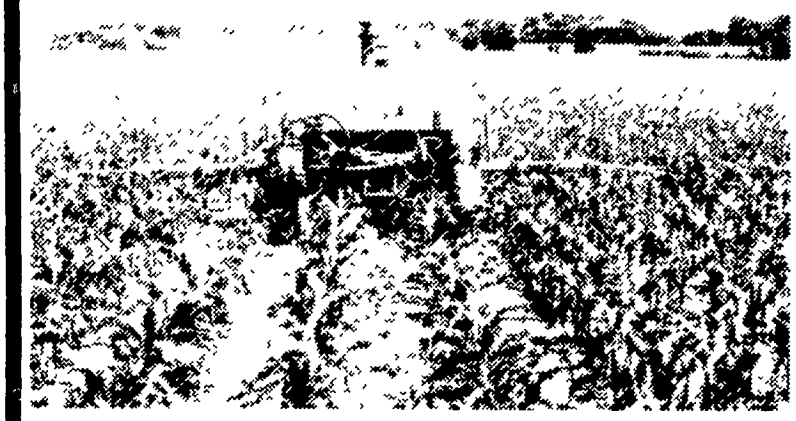

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MAILBOX MARKET

For Sale - Self propelled Massey Harris 8' #35 combine; 3 bottom, 16" trip Case plows, cylinder included. York Co. 717-292-2245.

For Sale - NH hammermill, belt drive, good condition, belt included, $150. Dauphin Co. 717-896-3656

For Sale - Log cabin, 16'x18', about 125 years old. You tear down and move, best offer. 301-775-2540.

Wanted - Air compressor, preferably w/one horse power motor or larger, in good condition Lanc. Co. 717-569-8634.

For Sale - Pair 18.4x26 tires on rims, like new rasp bars from MF 410 combine. Berks Co 215-683-6321.

For Sale - 200 good burlap bags; 200 iron posts; large dog house; pull type disk, 6' Talbot Co 301-364-5447

For Sale - Registered Hampshire and commercial ewe and ram lambs, also commercial ewes Columbia Co 717-784-8093.

For Sale - 1050 Bolens tractor, new motor, 36" cut, $550. David K. Christman, R2, Box 251, Kutztown, PA 19530

For Sale - 315 Int. combine, 2 row corn head and 13' grain head, good cond., $3,000 York Co. 717-382-4446

For Sale - Beagle AKC male, well trained on rabbit, 1½ years old, $125 Franklin Co. 717-328-3869 after 5:30 PM

For Sale - Ag-Bagger, 60 mile radious of Morrisville, inexpensive, temporary, feed storage. 315-684-3227 or 315-495-6173

For Sale - Registered polled Dorset ram, 2½ yrs. old, $100. Adams Co. 717-528-4969.

For Sale - 1977 Fiat San., 5 speed, AM-FM One owner, good running order, $900 or best offer 215-845-2519

For Sale - 479 NH haybine, ready for field, $2,850. Leb. Co. 717-933-4577.

For Sale - Beautiful 57 acre, all tillable farm. Buildings in excellent condition 8 room house, beautiful view. Dauphin Co. 717-362-8935.

For Sale - Border collie puppies; 400 bushel oats, $2.00/bushel on your truck; alfalfa hay; locust posts. Lehigh Co. 215-756-6618.

For Sale - Far-o-Rite farrowing huts, $150 neg. York Co. 717-632-7864.

For Sale - Papec 880 grinder mixer, $850 or good offer. York Co. 717-637-0206 or 637-4887.

For Sale - AC CA for parts; 2 bottom plow for CA. Cecil Co, MD 301-398-5238 before 8 PM.

Wanted - Reasonably priced blooming water lillies William A Johnson, Box 87, Everett, PA 15537.

For Sale - Mechanical transplanter, 2 row pull type, 290 gallong stainless steel tanks, very good condition Schu Co 717-648-5056

For Sale - Egg washer, 2 row Kuhl eggomatic transfer, GBCS 10-12. Egg-o-pack system complete. No reasonable offer refused 717-733-8390.

For Sale - Horse drawn mower; sulky plows, sulky cultivator; NH 66 baler, JD 14T w/corn fodder head Wyo. Co 717-298-2251.

For Sale - Int. 2 row fast hitch cultivator in good cond.; 1 HP motor, like new. Berks Co. 215-683-7902.

For Sale - Bobcat 720 in good running condition, good tires, $5,500 or best offer. Lanc. Co 717-664-2928.

For Sale - 16' long hay wagon w/8' high sides. Used 5 yrs. in good cond., $700. Chester Co 215-827-7125.

For Sale - Lancaster silage distributor for 10' to 18' silo. 8 years old, good cond., $50. Montg Co. 215-489-7935

For Sale - Int. 555 harvester w/3 heads, JD #12, 2RN harvester, Int. 400 air corn planter, liquid. Indiana Co. 412-254-4845.

For Sale - 1200 Star Headliner cantalopes. Jacob B. Stoltzfus, R.D. 1, Box 327, Christiana, PA 17509. Along White Oak Rd.

For Sale - NH Super 717 forage harvester w/one row head; Badger forage wagon, 8 ton running gear. Schuylkill Co. 717682-3812.

For Sale - 2 sets JD wheel weights, $125; 16-9x38 tires, 25%, $90; Oliver 4x14 trail plow, $100 Berks Co. 215-488-6927.

For Sale - Dekalb bred gilts, due anytime; also 7000 tob. lath. Jonathan Lapp, R.D. 2, Box 274, Myerstown, PA 17067.

For Sale - Tennessee walker gelding, 16.0 hands. Western or English. Good trail horse. Jumps, $950. Chester Co 215-255-4678.

For Sale - 11 holsteins, 2nd and 3rd calf recently fresh, milking 45 to 80, $850. Franklin Co. 717-263-5702.

For Sale - JD 510 round baler; JD 1209 haybine; JD 660 hay rake. All in excellent condition. Juniata Co. 717-436-2255.

For Sale - JD 140 garden and lawn tractor w/43" mower, hydrostatic. Sch. Co. 717-739-2632.

Wanted - Wide front end for Case 541L. Sale: Dorset ram, no papers, $75. Schuylkill Co. 717-386-2833 after 6 PM.

For Sale - 1960 White dump truck, 23,000 GVW, 2 speed rear in excellent cond., $2,200. 215-857-9643 after 5 PM.

Wanted - Bee swarms. For sale: Berg barn equip. and cleaner chain replacement. Better discount than ever. Lanc Co. 215-445-5309.

For Sale - 50 cow breeding chart, $45. Lanc. Co. 717-426-3689.

Wanted - JD 18 one row corn picker for parts. Bedford Co. 814-766-2325.

For Sale - 5.9 acre farmette, remodeled house, inground pool, 42x81 Morton barn w/fenced pasture, $119,900. York Twp., York Co. 717-244-7314.

For Sale - 6 or 8 row cult.; Cub cult., & 25 acre first cutting alfalfa. Berks Co. 215-777-0052 or 775-0508.

For Sale - 384 Leyland turbo diesel, 83HP, overhauled recently, good tires, excellent condition, $4,500 Neg. Lebanon Co. 717-865-2202.

For Sale - Oats and oats straw; Timothy and orchard grass. 215-589-5282.

For Sale - LP gas water heater, 40 gallons, 1 yr. old, very good cond., $75. Lanc. Co. 717-354-8654.

For Sale - 55 Chevy dump truck, 6 good tires, hoist works good, 327 engine, $800. York Co. 717-244-3024.

Wanted - Hyd. pump for NAA Ford w/oil lines, must be reasonable. Salem Co., NJ. 609-769-2732.

For Sale - Son & family desperately need house to rent immediately. Dorothy Stevens, 21369 Path Valley Rd., Doylesburg, PA 17219.

SUMMER SIZZLERS

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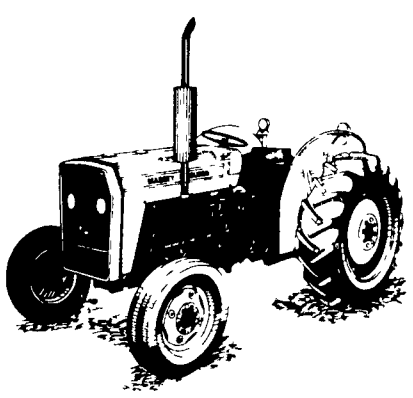
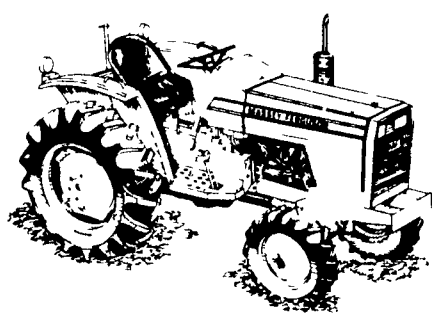
Money-Saving Reasons To Buy Now...

The deals are red-hot...the savings are sizzlin'. Right here. Right now. Come in and choose the Massey tractor you need to do. There's never been a better time to buy!

Hurry. Offers must end August 3, 1985.





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STOLTZFUS WELDING SHOP
Owner - Samuel P. Stoltzfus
RD 1011, Dryville Rd.
Fleetwood, PA 19522

MAILBOX MARKET

For Sale - One beautiful young Jersey bull, breeding age, good size Lanc. Co. 717-548-2513

For Sale - McCormick one row potato digger, ground drive, very good codition York Co. 717-755-5622 or 757-4238

For Sale - Purebred Guernsey cow. Due w/second calf middle of June, $550 Lanc Co 215-445-4765.

Wanted - Roll bar for JD 3020 tractor 717-244-2995.

For Sale - Ford 8N w/loader and backhoe MF sickle mower, NI hay rake, package deal, perfect condition. Susq. Co 717-965-2404.

Wanted - 2 or 3 ton steel feed bin gravity flow. Luke M. Hoover, RR1, Box 363, Denver, PA 17517.

For Sale - Irish horse collars, sizes up to 26", other collars. Christ E. Fisher, Box 162, R1, Paradise, PA 17562.

For Sale - Model 180 Royer used to screen topsoil, 2 cyl. Wis. motor, excellent cond. Carbon Co. 717-427-4066

For Sale - Poly coat water proof paint below cost. Roofs, milk houses, driveways & metal. For Rust. Leb. 215-589-4773

For Sale - Cheviot rams, 3 yrs old, $50. 3 mo. old twin, $40. Wanted - Used drum carder. Leb. Co. 717-949-2195

For Sale - Antique wood/coal ranges, pre-1900 to present Completely functional. Priced Reasonalbly. Schaeferstown, PA. 717-949-2195

For Sale - Boxer puppies AKC fawn, wormed, 7 wks., tails docked, $125 Dauphin Co 717-469-0126

For Sale - Purebred Hampshire boars Service age. Charles Bomgardner, Annville. 717-867-2890.

Notice - Rent or buy used Ovascan and Boveg. Rent for $100 per mo. or both for $1,700. 215-252-0074. Northampton Co.

For Sale - Chicken manure, not too wet, $5/ton. Berks Co. 215-589-5613

For Sale - NI manure spreader, 170 bu w/end gate, $500 Cattle racks for Chevy or GMC, $100 Lanc Co 717-548-2272

Wanted - Evinrude or Johnson snowmobiles, any condition. 814-364-9333 or 814-238-4957.

Wanted - Rabbit hutches in good condition. So Berks 215-286-5665

FREE - Small barn for the taking, 30'x32'. Lanc Co After 5PM 717-786-3564.

Notice - FREE Two border collies male, 3 yrs., female, 1 yr 717-285-7473 after 3 30PM or 285-5278.

For Sale - MF 410 combine, 13' quick tatch grain head, cab; IH mounted, semi-mounted sickle mowers Adams Co. 717-259-0473.

For Sale - 1970 40' Timpte refrigeratored trailer w/therma-king unit. Northumberland Co. After 5PM 717-758-1542.

For Sale - AC 2000 5x16 semi mount plow, automatic reset w/coulters, Kvernland 4x16 rollover plow, spring reset, $6,500 617-763-5275

For Sale - MF 203 diesel/loader, 3 pt hitch plow backhoe 1963 Diamond TP 5000, 16' stake, 24' slickcraft cruiser 301-329-6842

For Sale - 2 row cultivator, 2 row corn planter, both in excellent condition, 7' disc, good condition Chester Co 215-286-9540

For Sale - Slide in camper for 8' pickup w/cap, sleeps 4, folding tables, storage, $250. Montgomery Co 215-845-7871

For Sale - Black raspberry plants, in dormant coud Thousands of Bristol & New Logan, healthy, vigorous plants York Co 717-244-7157.

For Sale - 750 Massey combine, hydro., Perkins diesel, 13' head, Hart Carter floating bar, alum real. Lehigh Co 215-756-6077.

Wanted - 1 set Nu Pulse shells Eskimo pups for sale, ready June 3. Benuel Fisher, 2816 Cherry Lane, Ronks, PA 17572

For Sale - One Yorkshire boar, 285 lbs, $150 Ten shoats, $25 ea 215-562-8347 after 4PM No Sunday Calls

Notice - Will pay for clean glass half gal & quart size jars. Eli Stoltzfus, 2966 Stumptown Rd, Ronks, PA 17572

For Sale - Used cooking kitchen stoves Also room heaters Wm S. Martin, RD1, Box 387, New Holland, PA 17557

For Sale - NH 315 baler w/thrower, mint condition, $5,500 firm 717-392-6121.

For Sale - '67 Dodge 500 Perkins diesel 19,500 GVW 21' flatbed 2.25x20 tires, good, diesel, needs rebuilt Lanc. Co. 717-626-4359

For Sale - International sickle bar mower, $350 Wanted - Main drive gear case and hookup for 12A combine Franklin Co 717-328-2322.

For Sale - Oliver 2 row 3 pt hookup cultivator Leb Co. 717-865-5305

For Sale - 1947 Case tractor, $575 2 steel wheel plows, $40 ea Disc, $60 JD A tractor, $375 York Co 717-456-7476

For Sale - Double set Pony harness w/Collors, $250 Brass Hames, $18 pair 2 driving bridles, $10 ea Leb, PA 717-272-6819

For Sale - Drawbar mounted with tail wheel JD mower Wanted - Either 1,000 gal or up to 2,500 gal. propane tank in excellent condition 717-386-5438 after 9PM

For Sale - Gehl 108 haybine for parts, Oliver 3 pt cultivators, like new York Co 717-244-6571

For Sale - Pure beef mixed breeds bred cows & feeder calves Quality stock Home raised Gettysburg 717-334-7993

For Sale - Bradford Co Farm, 181 19 acres, 42 stanchion, silo, milkhouse, 9RM house Owner Financing, $139,000 717-297-3923

For Sale - Two AC 16HP w/42" mower, 20HP w/60" mower, 3 pt. hitch. Automatic, show condition York 717-792-1635

For Sale - Sweet Potato Plants, Yellow Jersey-Puerto Rican-OF Red Yams, $4 per hundred 717-627-0883.

Notice - FREE Farmall sickle bar mower for parts. York Co 717-432-4822 eves.

For Sale - 15,500' Perky Cypress Mushroom House Bedboards 25 cents/foot or Best Offer. 5-55 gal oil drums. 215-869-9409

Notice - Reconditioning work done on Nicholson Hay Tedders, 10 yrs experience New teeth, parts, bushings Lanc Co 717-687-0102

For Sale - Farmall Super A, high clearance Model w/cultivators, motor just rebuilt, runs super, $2,500 Lanc Co 717-653-4479 or 426-1425

For Sale - NI manure spreader 12A, good shape, $450 Pig nursery pens, like new Best Offer Adams Co 717-359-5953

For Sale - Banner Camper sleeps 4 or 6, mounts on pickup, best offer Also quilts that make X-mas gifts 717-642-8221

For Rent - SOUTHERN LANC CO DAIRY FARM April 1985 Lancaster Farming, P O Box 366, A-33, Lititz, PA 17543

Notice - We adopt and/or buy exotic animals Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl etc Berks 215-374-2114.

Wanted - Old books Anything printed before 1800. German books, pre 1830 Books bought, sold and appraised York Co 717-235-2134

12 yr QH, Bay trail horse 12 yr ½ Arab, sharp, endurance, competive trail horse Have Shots, New Shoes 717-432-8282

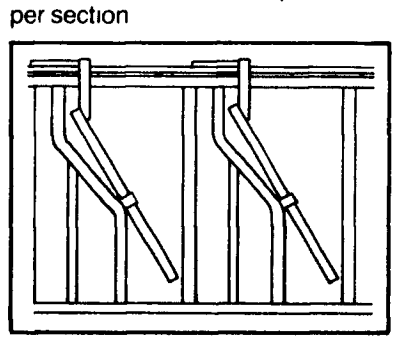
Martin Cow Control Equipment:

Headlocks & Loop Stalls

Designed and engineered for safe, dependable and maintenance-free herd management. Built with rugged steel to last longer. Won't rot or splinter.

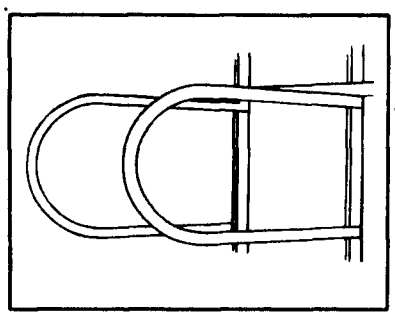
Self-Locking Headlocks

Manage stock more efficiently. Cow locks itself in position by placing head through opening and lowering it to feed Each section also locks and releases manually with simple turn of lever Feeding can be controlled, veterinary work performed safely. Available in 10' and 12' sections to provide from 4 to 8 stalls per section



Galvanized Loop Stalls

Simplify bedding area cleaning without floor obstructions. Install or remove in minutes. Standard lengths. 5' for 6' bed, heifers and young stock; 6' for 7' bed, adult animals. Frame tubing construction 55,000 lbs. min. yield high-strength steel, .109" wall. Top rail 2" O. D. tubing, .083" wall.



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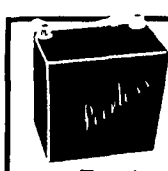
MARYLAND

Farmers Supply Co.
Westminster, MD
(301) 848-6776



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MAILBOX MARKET

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay Call before 7 AM or after 7 PM. 201-735-8389 or 201-735-8865.

For Sale - All size silo roofs at reduced cost Lanc. Co 717-687-6672 or 768-3095.

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glenn Farms, RD 2, Strasburg, PA 717-787-2562.

Tennessee Walking horses. Brood mares, weanling & yearling fouls At Stud Queen's Black Allen, Big, Black & Beautiful 215-267-7311

Fox Terrier stud service 717-354-7186

For Sale - Peafowl, 6 cocks, 1978 hatch $50 each Also 1979 chicks, $10 and up Westminster, MD 301-876-1235

For Sale - Reg Angus bulls and heifers Orange Gate Angus Farm, Maurertown, VA 22644. 703-459-3414

Used Bee Equipment Inverbrook Apiaries, RD 2, Box 230, West Grove, PA 19390 215-869-3353

Build your own pig feeders for under $10 100# capacity Easy plans, $2 Rt. 1, Box 742, Mardela, MD 21837

MINI LOP RABBITS with papers, $25 Very loveable pets NZW Rabbits with papers, $10 Cecil Co., MD 301-885-2134

For Sale - Outside calf hutches, $75 each David B Stoltzfus, RD 2, Box 282B, Nottingham, PA, take Brown Rd. at Little Britian, second road right

For Sale - Spring wagons & buggies & horse related items After 7 30 PM 301-398-5696

For Sale - Rock Oak, 1" to 1¼" Also Cherry & Poplar After 5 PM 717-776-3239

For Sale - 1978 cattle truck, 21' alum Edin Body C-65 series, 366 engine, 5 speed trans., 2 speed axel, $12,000 301-838-8143

Yorkshire Large White Boars & Open Gilts Joel R. Stern, RD 2, Box 366, East Berlin, PA 17316 717-292-4634

Wanted - New or used storm front market wagon, and/or spring wagon, state price and condition All replies answered T Holliday, Rt 4, Box 244, Waynesboro, TN 38485

For Sale - Case S C farm tractor, JD 2 btm plow, Make Offer Military Jeep 1944 Montg Co 215-933-2469

Notice - FREE Liquid chicken and hog manure Lanc. Co., White Horse, Gap area 717-768-2056

Sale Reports

A Public Auction of farm machinery was held May 25 by Harvey L. Peachey, 1½ miles east of McAlevys Fort, Huntington Co., Pa. A good sized crowd attended.

Some prices were: Nuffield 10-60 D tractor $1175, N. I. #7 corn picker $425, N.H. baler w/thrower $850, J.D. rake $275, elevator $600, rotary mower $430, A.C. haybine $500 and 2 flat bed wagons $180 and $130.

Mark Glick was the auctioneer.

XXX

A Public Auction of machinery and heifers was held May 24 by Bowen Jayne, Sr. at the Jim Adriance Farm, Montrose, Susquehanna Co., Pa.

There were 32 Holstein heifers sold with the open heifers bringing $190 to $395 and two bred heifers selling for $695 each.

Other prices were: White 2-105 D w/cab $8500, 10 ton Dion wagon $2150, Ford Major 5000 D (for parts) $625, Oliver 1850 G tractor $3300, N.H. 717 chopper $950, N.H. 477 haybine $2300, Long disc $1350, Whirl-A-Feed blower $1050 and Mueller 600 gal. bulk tank $1900.

Jim Adriance was the auctioneer.

XXX

A Public Sale of butcher equipment was held May 25 at the Marvin Miller Farm, on Route 183 at Summit Station, Schuylkill Co., Pa.

Some prices included: 6 pc. oak bedroom suite $660, meat band saw $490, oak chiffonier $135, oak secretary-desk $125, single Larkin chairs $55 & $65, butcher kettles $35 to $60 each, washstands $70 to $110 each, 2 jelly cupboards $160 each, wooden rake $20, meat slicer $55, meat block $65, 500 W Dayton alternator $260, and Dayton shredder 5 h.p. $1500.

The auctioneer was Jay Riegel, Jr.

XXX

A Dairy Dispersal was held May 24 for Bruce Trauger, R. D. 1, Dalmatia, Pa. at Kling's Sale Barn, 2½ miles northeast of Landisburg, Perry Co., Pa.

The 45 mature Holsteins were sold with the top animal selling for $1200, the 2nd for $1060 and several brought $985 each.

Kling's Auction Service conducted the sale.

XXX

A Public Consignment Auction was held May 25 at Ryan's Meat Processing Plant on Ryan Road, Fallston, Harford Co., Md. There was a nice crowd attending from Pa., N.J., N.Y., Del. and Md.

Some prices included: 1983 Sellick 8000 lb. fork lift $10,600, J.D. 30-10 tractor $4300, M.F. combine $11,200, 3 J.D. #1065 bale wagons $2000 each, 1977 N.H. haybine $3000, M.H. 315 baler $5200, Brillion 10' seeder $1900, 18' boat and motor $3500, old Grass Hopper lawn mower $950, load treated posts $4.25 ea., load split locust posts $3.20 ea., load barbed wire $28 per roll, J.D. 350 sickle mower $1000, John Blue 400 gal. sprayer $3300 and Int. 5 bottom plow $2100.

The auctioneer was John Ryan.

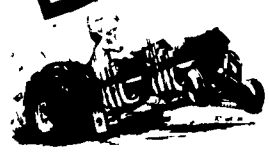
XXX

A Public Auction of fine antiques was held May 25 for Irene S. Hostetter, 35 Corry Avenue, Lancaster, Pa. There were about 400 people attending the sale.

Some of the items sold were: Pa. high chest of drawers $3000, American Karistan oriental rug 9' x 18' $475, modern dining room suite $600, 2 pc. modern sofa $400, hoop chair $290, blanket chest $140, oak office chair $195, 3 pc. walnut bedroom suite w/bed sawed down $570, taper-legged table $75, Toro lawn mower $265, platform scales $85, salt-glazed crock $80, small egg basket $120, blue decorated crock $130, blue decorated crock w/large chip $190, 22 Remington pump rifle $100, Noritake dinner set $230 and painted oak high chair $90.

J. Omar Landis Auction Service, Jay Witman, Luke Witman & James Landis, Aucts.

BUCK TRACTOR PULLS..



EVERY SATURDAY NIGHT AT 7 P.M.

Featuring Tonight

MODIFIED & SS TRACTORS, FWD TRUCKS

REGULAR ADMISSION
Adults $6 00
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5 & Under . . . . FREE
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LOCATION:
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SEE YOU AT THE BUCK!

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All types of fans for all types of buildings.
All belt driven fans come with ball bearing, high efficiency motors.

Wall Fan with Hood and Cabinet

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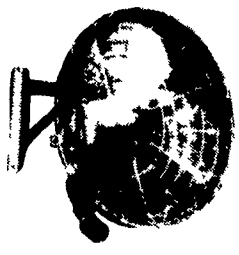

24" Circulating Fan, Wall or Ceiling Mount

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WALL AND PORTABLE FANS HAVE PAINTED, GALVANIZED CABINETS AND ARE RUST RESISTANT FOR LONG LIFE

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** SHORT NOTICE AUCTION **

LUTA FARMS

MACHINERY DISPERSAL

THURS. JUNE 6,

6:30 P.M.

BRADFORD, (STEUBEN CO.) NEW YORK

Sale at the farm on Ridge Road, just off the Telegraph Road, 2 miles west of Bradford.

Frank Luta, Sr. retiring from farming due to health, will sell the following complete line-up of good machinery!

3 J.D. diesel tractors!

4320 with new 20.8-34 rubber; 4020 with tripple hydraulics; 3020 just all overhauled! J.D. 158 all hydraulic front loader unit; N.H. 890 chopper base unit; N.H. 822 2-row new style adjustable corn head; 880 wide hay pickup head; and special N.H. auger-recutter unit for ground ear corn; N.H. 30 1000 r.p.m. blower, filled 2 silos; 3 s.u. wagons: Dion 3b. on 12 ton gear; Grove 3b. with roof on tandem gear; J.D. 115 3b. on 10 ton gear; N.H. 358 all hydraulic grinder mixer; 2 Lamco 16 ft. feeder wagons; I.H. #10 16 disk drill with seeder; Walsh 200 gal. sprayer; N.I. 326 2-row picker; J.D. 1280 8-row planter with bug boxes; 2 new McCurdy 250 gravity boxes on gear; J.D. 346 ejector baler; N.H. 479 haybine; N.H. 56-B rake; 2 new N.H. tandem axle running gears; with flotation tires; J.D. #8 3 pt. mower; Speed King 40 ft. bale-grain transport elevator with 12 ft. grain drag unit; 24 ft. Harvey bale-grain elevator; N.I. hay conditioner; 2 kicker wagons and 2 flat rack wagons; 1964 G.M.C. tag axle log truck, good rubber, and less than 100 miles on brand new 427 engine! 1946 I.H. dump truck; I.H. 710 4-18 spring reset, semi-mt. plow with coulters; I.H. 700 6-16 spring reset on the land plow; I.H. 4500 wing type 18 ft. vibrashank; I.H. 18 ft. wing type disk; I.H. 401 20 ft. carrier drag; Brillion 12 ft. cultipacker; J.D. older style 4-row front mount cultivators; M.F. 3 pt. post digger; Pr. of 20.8-34; Pr. of 15.5-38 tires; Quantity on new cut pine lumber in 1 in. boards and 2 in. stock; plus other items! A good line of machinery here!

Terms: Cash or honorable check night of auction. Proper I.D. required!

Owned by
FRANK LUTA, SR.
607-583-7850

Auction conducted by
PIRRUNG AUCTIONEERS, INC.
Wayland, New York 716-728-2520

Lunch available!

NICHOLAS & MARGARET PETRUS

DISPERSAL

West Windsor, NY (Broome Co.)
This
WED., EVE. JUNE 5, 1985
7:30 P.M.

Sale to be held on the farm on Riley Rd., Use Rt. 17 to West Windsor, at blinker light turn to Riley Rd., go 1 mi. to farm. West Windsor is 6 miles E. of Binghamton. Watch for arrows off Rt. 17 in West Windsor.

50 CATTLE 50

49 mature cows (44 Holsteins) 2 Red & White, 2 Jersey crosses, 1 lineback of which 15 are fresh, 12 due August through October, 7 due November through January, some recently bred back, balance in all stages, 1 good service bull. Herd has been pregnancy examined. Blood and TB tested and are eligible for immediate interstate shipment night of sale.

MILKING AND BARN EQUIPMENT

Mueller 1,000 gal. Hi-Perform bulk tank w/2 compressors and tank washer, a dandy; DeLaval 4 unit pipeline milker w/1½" glass line, washer and pump, big enough for 60 cows; 59 stanchions and frames, 3 tie stalls, 33 water buckets and pipe; Patz barn cleaner w/over 350' of chain (chain 2 yrs. old, chute 1 yr. old); 14" paddle, cleaner runs clockwise.

Special: NI 214 Manure Spreader w/Hyd. End Gate & Pan, used 3 seasons, nice. Also AC WC TRACTOR W/GRATER BLADE UNDERNEATH, RUNS GOOD, HARD TO FIND.

P.S. MR. & MRS. PETRUS are retiring and farm is being sold for development.

TERMS: Cash or good check w/positive ID evening of sale.

NICHOLAS & MARGARET PETRUS, Owners

Mel Manasse, Sale Mgr. & Auctioneers
Whitney Point, NY
607-692-4540

Refreshments Available

PUBLIC AUCTION

45 ACRE COUNTRY REAL ESTATE
ANTIQUES — FARM ITEMS

SATURDAY, JUNE 22, 1985
8:30 A.M.

Auction to be held on the premises located at RD 3 Annville, N. Annville Twp., Lebanon County, Pa. From route 934 in Bellegrove turn onto Blacks Bridge Road, then left onto Valley Glen Rd. to first farm on right after the S turn.

Real estate being a 45 acre farm to be offered in 2 tracts and as a unit.

TRACT 1: 27 acres with frontage on Valley Glen Road and adjoining the Swatar Creek with the improvements being a 2½ story aluminum sided log house circa 1879 with the main floor having a kitchen with fireplace, linoleum and plank floor, center work counter, stove, refrigerator and dishwasher, carpeted dining room and living room with fireplace and carpeted full bath. Second floor has 3 bdrooms and storage room with hallway entrances.

Beautiful, completely restored circa 1858 attached summer house with a fireplace, unusual stone arch cellar and loft.

Home has 200 amp. electric service and electric heat, insulation, storm windows, 90' drilled well, large porch with patio area; lovely tree lined landscaped yard and many other unlisted features. Other building include a 2½ story frame bank barn and frame storage building.

TRACT 2: 18 acres adjoining tract 1 with frontage on Valley Glen Rd. and next to Swatara Creek with land being mostly cropland and pasture.

Real estate to be offered at 1:00. Terms to be 10% down with the balance due at settlement within 30 days. Inspection by calling 867-1856. For the best in country living featuring a beautiful home with early features blended with the new in a cozy, comfortable setting, plan to inspect this one of a kind property.

Full listing of personal property in later issues.

Conditions by
ED & BETTY GROY

Harry H. Bachman — Auctioneer
717-867-1809 AU-000033-L
Phil Feather — Attorney
867-1200

Good food available.

Sale Reports

PUBLIC AUCTION
FARM MACHINERY DISPERSAL
JUNE 8, 1985
10 a.m.

Directions: From Leesburg, VA go Rt. 7 West to Rt. 9 go approx. ¼ mile on Rt. 9, take a right to Texaco Station on to Rt. 665, go 1 mile to Rt. 703 and follow signs.

Discontinuing our farming operations we will sell the following items at Public Auction.

TRACTORS

4440 JD w/cab, air cond., power shift; 4020 JD 4 WD, windbreaker and bulldozer blade; Ford 5000; JD gas tractor w/wide frontend;

EQUIPMENT

JD 4 row corn planter w/monitor; 3800 JD 2 row field chopper; (2) 714A silage wagons; JD 6000 silage blower; 336 hay baler w/hydraulic kicker; 56 NH hay rake; 38' Little Giant elevator; (3) 16" JD plows; Little Giant roll-away elevator; 10' Bush Hog disk; 215 JD disk; 15' Bat Wing Bush Hog; (3) flatbed hay wagons; (2) bale carriers; (2) hi-side bale wagons; Hesston 420 self propelled haybine, 10' cut; portable cattle scales; 7' JD sickle bar mower; Brillion seeder; JD 17 spout drill; JD 10' lime spreader; Dan Hueser post driver; Many items to numerous to mention.

Terms Of Sale: Cash

2 I.D. must accompany all checks

Auctioneers Note: All machinery has been well kept and in good working condition. For appointment to view machinery please call auctioneer.

Sale For-
Vanguard Company, N.V.

ELIZABETH SIMONSON adviser for
Craig Damewood-Auctioneer
Hamilton, Va.
703-338-5815

AUCTION
FRIDAY, JUNE 7, 1985
11:00 A.M.
Ulysses, Pa. (Potter Co.)

Located on the Loucks Mill Road 1 mile South of Ulysses, Pa. Watch for arrows on Main St., Rt. 49.

79 Interstate Tested 79
Cattle Will be sold first at 11:00 A.M.

First Calf Heifers: 51 Holstein grades, 6 Reg, 1 grade Jersey, 1 Reg. Jersey. 18 strictly fresh, balance due June and July. These heifers will average 1200# and are the right kind. This is my 5th annual spring sale and I believe this is the best group I have had! I invite you to see them for yourself.

Cows: 15 just fresh and summer young cows with good udders.

Bulls: 4 Reg. Holstein, 15 mo herd sires (Elevation Dairyman, Chairman, Ellason) Two from Excellent dams with records to 30,000#; 1 2 yr. old Jersey.

30 day blood and T.B. tested, innoculated against shipping fever, trucking available. Fresh and close animals will be in tie stalls for your convenience. DHIA transfers on fresh animals. 75% calfhood vaccinated.

Machinery

NH 479 & 467 haybines; Int 35 rubber toothrake with castor hitch; NH 256 rubber toothrake; Gehl, Badger and 3 beater Kasten w/roof unloading wagons; Killbros 275 and J&M 250 bu gravity boxes; Knowles 8T running gear ext hitch and flotation tires; Gehl running gear; NI 215 3 beater pto spreader; JDFBB 17 disc drill w/dry fert, seeder and new disc; JD 494A planter w/Gandy applicators; NH 67 baler; plus consignments. Listed items will be here and are in good condition.

Milking Equipment

(All used and in place on sale site)

Clay gutter cleaner 150' left hand 2 yr old chain; 18' Clay silo unloader new 7 hp motor; Kasco dumping station, washer & dryer electric vac; 2 50# and 2 40# Delaval Sterling units.

Sale order: Barn and milking equipment first at 11:00 A.M., Cattle at 11:15, followed by machinery at 1:30 P.M.

Lunch - Tent

Terms: Cash or one way check

Owned and Managed by
JERRY PIRRUNG SALES
Ulysses, Pa.
#1646-L
Auctioneer: Robert M. Shaylor
Lic. #AU833-L

XXX

A Memorial Day Antique Auction was held May 27 by Grace Lohr (Mrs. Elmer) 4 miles west of Lewisburg in the village of Cowan, Union Co., Pa. It was well attended.

Some prices were: blue dove-tail chest (damaged) cherry drop-leaf table $500, Cigarette sign $125, washboard $125, Gem-roller organ with 9 cylinders $610, spinning wheel $410, coffee mill $125, 2 early wooden braces $90 & $100, children's play blocks $105 and schoolh use [illegible] $2[illegible].

The auctioneer was Wayne M. Hess.

XXX

A Public Auction of farm equipment was held May 25 for the estate of Charles Nicholas, ½ mile from Windsor, York Co., Pa.

Some prices were: Farmall Cub w/2 way plow, cultivator & side dresser $1950, 3 section harrow $40, Cub disc harrow $35, Cub sickle mower $170, Frigidaire air conditioner $100, DeWalt radial arm saw $65, cast iron kettle $37.50, gladiola bulbs on 2' x 2' skids $15 to $30 each, ivy pattern dish set $25, dining room suite $65, Lane cedar chest $120 and RCA color television $75.

Blaine N. Rentzel and Nevin B. Rentzel.

XXX

A Public Auction of household goods was held May 25 for the estate of Charles Shadduck in the village of Shunk, Sullivan Co., Pa.

Some prices included: 76 Old Delta 88 $650, Wheel Horse B-115 lawn tractor $800, elevator $210, oak stand $100, Comfort cook stove $250, 7 plank bottom chairs $62.50 each, farm table $145 and Edison victrola $450.

Fraley Auction Co., conducted the sale.

XXX

The Hunterdon Hills complete dispersal was held May 23 at the farm, 1½ miles north of Stockton, N.J. at Rosemont, N.J. A good sized crowd attended the sale.

There were 170 registered Holsteins sold and the top cow brought $5000 and was sold to Landhope Corp., Kennet Square, Pa. The 2nd high animal brought $3000 and was bought by J. R. Enterprise, Vincentown, N.J. The 3rd high cow was sold to Herman & Walter Bishop, Fountainville, Pa. for $2800.

Backus Associates, Inc. conducted the sale.

XXX

A Public Sale of farm machinery was held May 25 by Mr. and Mrs. Victor Newcomer, R. D 2, New Freedom, Pa.

Some prices included: J.D. 50 tractor w/roll-o-matic & PTO $1600, J.D. B 1947 tractor $975, Int. wagon $525, Ontario grain drill $185, J.D. sickle mower $185, N.I. side delivery $295, Hercules engine on skids $200, Int. 1½ engine $100, round veneered oak table $305, butcher kettle $55 and pie safe (rough) $185.

Melvin Haines and Ralph Brenneman were the auctioneers.

XXX

A Public Auction of antiques was held May 25 for Charles Weaver Estate at Weavers Salvage Yard, ½ mile east of Grantville, Pa. There were about 100 buyers.

Some prices were: blanket chest w/strap hinges $600, Cowden & Wilcox decorated jug $140, large oak table w/12 boards $360, 6 decorated plank seat chairs $300, high sideboard w/mirror $215, and Schatz German clock $65.

The auctioneer was Richard A. Stichler.

XXX

A Public Sale of farm machinery was held May 25 by J. Clifford and Lillian G. Pilgrim, north of Shippensburg on Mud Level Rd., Cumberland Co., Pa.

Some prices received were: M.H. drill $45, Perry harrow $50, bin wagon $210, M.H. old combine $80, Athens disc $1870, Weber wagon $475 and J.D. 30-20 tractor $5175.

Melvin Sensenig and Lamar Sensenig were the auctioneers.

PUBLIC SALE
ORIE D. WIERMAN ESTATE
ANTIQUES, HOUSEHOLD FURNISHINGS, TRUCK, TRACTOR, ORCHARD SPRAYER, ETC.
FRIDAY EVE., JUNE 7, 1985
AT 4:30 P.M.

Will be held at the decedents late residence, located across from The Knouse Foods Plant, Peach Glen, PA in Tyrone Township, Adams County, the following:

FARM ITEMS, TRUCK, ETC.

Very nice Myers 200 gal. metal tank orchard sprayer, complete; Allis-Chalmer "B" Tractor w/plow & cultivator, good running condition; 1952 Chevrolet 6-cylinder pick-up truck w/racks; Perry harrow; Spike harrow; Corn sheller; Iron hog trough; 5 Apple picking ladders; Few apple crates; 15 6' iron posts; Manure spreader on iron wheels; Many small farm tools.

NOTE: THE ABOVE IS A PARTIAL LISTING OF MANY ITEMS IN EACH CATEGORY.

Order of Sale: Household items first followed by farm items & truck.

TERMS: Cash or checks with approval.
Lunch stand at sale.

ORIE C. CLINE AND BETTY J. CLINE, EXECUTORS
1630 Gabler Road
Gardners, PA

CLAIR R. SLAYBAUGH, Auctioneer
Idaville, PA Phone: 717-677-7479
License: #856L

A Partial Listing

PUBLIC BANKRUPTCY AUCTION
VALUABLE AGRICULTURAL REAL ESTATE
FRIDAY, JUNE 7, 1985
10:00 A.M.

Located in Toughkenamon, Chester County, Pa., take Vine Street off Main Street, follow Vine Street to farm.

Farm consists of 21.75 acres M/L located in Toughkenamon, Chester County, Pa. Thereon erected "6" dwellings as follows, 3 bedroom brick ranch house with living room, dining room and kitchen, full basement, garage attached. 2½ story frame and masonary constructed house with 4 bedrooms, bath, kitchen, living room, dining room, T.V. room and laundry, also 3 bedroom one story modern home with 1½ baths, laundry, living room and eat-in kitchen, also 3 single farm hand dwellings with conveniences. Also 2-80' double mushroom houses. 3-64' double mushroom houses, dirt shed and various storage areas.

Real Estate will be offered at the premises at 10:00 A.M. free and clear of all liens and encumberances. Terms 10% down on day of auction in the form of cash, bank money order or certified check. Balance in 30 days.

Auction by order of
FREDERICK L. REIGLE ESQ.
Trustee in Bankruptcy
(215)779-8000
in RE: Frank A. Ferranto and T. Gladeyese Ferranto

E.M. Murry Associates Auctioneers
Lititz, Pa. (717)626-2636
AU-648L

E.M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626 5244 626 2636
Richard Murry 626 8175 949 2280
Ken Miller 665 2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

PUBLIC AUCTION
WEDNESDAY EVENING, JUNE 12, 1985
6 PM

Consignment Auction of Farm Tractors & Equipment

In our yard on the corners of Rt. 38 & 38B, Newark Valley, NY (North Owego; 19 mis. W. of Binghamton, NY).

Several good used farm tractors; lawn mowers; new & used farm machinery, good selection of hay equipment. Consignments welcome. Watch next week's paper for listing.

Sale by:
Goodrich Auction Service, Inc.
Rt. 38 & 38B
Newark Valley, NY 13811
607-642-8688

PUBLIC FARM AUCTION
FRIDAY, JUNE 7, 1985
10:00 A.M.

LOCATION: The Raymond Logsdon Farm — Take Maryland Route #36 from either Frostburg or LaVale to Mt. Savage, Maryland. Take the School Road from Mt. Savage to the Bald Knob Road. Follow the Bald Knob Road 9/10 mile to farm lane. Watch for signs.

Having decided no longer to farm, we the undersigned will sell to the highest bidder the following farm machinery, equipment, dairy cattle and real estate.

FARM MACHINERY

Farmall 856 w/cab, I.H. 560 diesel tractor, N.H. 890 forage harvester w/2-row corn head and pickup, Gehl 99 forage blower, N.H. 271 hayliner baler w/thrower, Gehl 1090 mower conditioner, I.H. 56 cornplanter, I.H. 540 4-bottom plow, Knowles 16' springtooth harrow, Ontario grain drill, 20' hay elevator w/electric motor, McKee 750 snow blower, 125-gallon crop sprayer on wheels, Gehl forage wagon w/8 T. running gears, 14' hay wagon w/racks, N.I. #213 manure spreader, side delivery hay rake. Some small items.

DAIRY & BARN EQUIPMENT

Jamesway 450 gallon bulk tank, Patz 18' silo unloader, Patz 16' silo unloader, Patz gutter cleaner, 10 T. metal feed bin w/auger, step-saver dumping station, 4 Surge pail milkers, Surge SP22 vacuum pump, DeLaval 210 gallon bulk tank.

68 HEAD OF HOLSTEIN CATTLE

36 Holstein Cows, 7 head heifers, 9 breeding age heifers, 16 younger heifers and calves.

REAL ESTATE

We will offer to sell the following real estate if it is not sold by the date of the sale. 125± acres improved with a large remodeled farm house, 50 stall dairy barn with 16x50 and 18x50 concrete stave silos, large bank barn w/tile silo. Approximately 105 tillable acres. Balance in pasture and woodland.

AUCTIONEERS NOTE: A fine herd of dairy cattle. DHI records will be available day of sale. Machinery and equipment well maintained and stored out of weather.

TERMS: Cash, approved check, or bank letter of credit. $10,000.00 certified check required for deposit on purchase of the real estate.

Owner:
MR. & MRS. RAYMOND LOGSDON
Mt. Savage, Maryland
Auctioneer: Robert G. Custer
Route 4, Box 361
Deer Park, MD 21550
301-334-4771
Clark A. Yoder
Salisbury, PA 15558
814-662-2901

Lunch will be served.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JUNE

MON. JUNE 3 - 1PM Public Sale of JD Tractor, JD Sprayer, Peco Lawn Vac. Located Lehigh Ag Equipment, Wescosville, PA. John Deere Co., Inc.

MON. JUNE 3 - 6PM Quality Machinery Auction of Forklifts, Trucks, Farm Mach Located Teitsworth Sale Lot, Barber Hill Rd., Groveland, NY; 8 mis. SE of Geneseo, NY. Roy Teitsworth Inc , Auctioneers.

MON. JUNE 3 - 4PM Public Auction of JD 4640 Tractor & JD 6600 Combine. For ABC Groff, New Holland, PA John Deere Co., Inc

TUES JUNE 4 - 12 Noon 5th Annual Bailey View Farms Fresh and Colse Reg. & Grade Holstein Heifer Auction Ulysses, Potter Co., PA. Baily-View Farms 814-848-7421, Owners Sale Conducted by Jerry Pirrung Sales, Ulysses, PA.

TUES JUNE 4 - 5PM Public Auction of Woodworking Tools, Guns, 1974 Ford Gran Torino, Personal Property Located along Rt. 625 in Village of Bowmansville From Rt 23 take Rt. 625 N to Village of Bowmansville Terms by Kathryn Witmer. Randal Kline, Lloyd Kreider, Roy Good, Jr , Auctioneers

TUES. JUNE 4 - 4PM Farmersville Auction in Farmersville, 3 mis E of Brownstown, Lanc Co , PA

TUES JUNE 4 - 4PM Twilight Auction of 6-1 cyl Gas Engines, Tractor, Farm Eq , Truck, Tools For Mrs. Edward Blichasz, Elephant Rd , Dublin, PA Henry K Freed & Sons, Auctioneers.

WED JUNE 5 - 9 AM Auction of Line & Const Eq. & Trucks. For The L E Myers Co., Mapleton, Utah. Vilsmeier Auction Co., Inc.

WED. JUNE 5 - 4PM Mach., Tools, Antiques & Collectibles, Hshld Location: Lykens, PA. Held in garage behind Don's Food Rite and the Post Office. Fred M. Cooper, Owner. Dockey, Dockey, Deppen, Auctioneers.

WED. JUNE 5 - 7PM Public Sale of 16.5 acres woodland. Located along Mountain Rd., between Cocalico Rd. & Hertzog Valley Rd., W. Cocalico Twp., Lanc. Co., PA Terms by: Michael R & Nancy M Klinefelter. T Glenn & Timothy G Horst, Auctioneers.

WED. JUNE 5 - 10AM Antiques, Furnishings, Collectables, Gun, Tractors, Farm Mach, Tools For Abram H & Sophie Moyer, 1323 Old Sumneytown Pike, Bergey, PA Bet. Vernfield & Woxall, Montgomery Co Sanford A Alderfer, Inc , Auctioneers

THURS JUNE 6 - 5PM Public Auction of Antiques & Collectibles. Located 2 mis. SW of Gratz along the Gratz to Loyalton Rd., 35 mis. N. of Harrisburg Clayton Sitlinger, Owner Mike & George Deibert, Auctioneers.

THURS JUNE 6 - 5PM Public Sale of Tools, Furniture & Hshld. Goods Located 2846 Leisz's Bridge Rd., Reading, Berks Co , PA Terms by Judith J. Taluc T Glenn & Timothy G Horst, Auctioneers

THURS JUNE 6 - 5PM Daniel Bros. Farm, (Kenneth Daniels), Sutherlin, VA Diary Dispersal of 106 Hol Cows & Heifers Ownby Auction & Realty Co , Inc

THURS. JUNE 6 - 7 30PM Special June Dairy Month Sale of 150 Head: 75 Purebreds & 75 Grades

Location: West of Lancaster on Dairy Rd. Take Rt 283 W. of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd., turn left after exiting, go to Mill, then sharp right under RR bridge. Barn is within sight of Rt. 283 Melvin Kolb, Sale Mgr Robert C Mullendore, Auct. Henry Kettering, Pedigrees.

TWILIGHT AUCTION

6 - 1 CYL. GAS ENGINES, TRACTOR, FARM EQPT., TRUCK, TOOLS

For: MRS. EDWARD BLICHASZ

Elephant Rd./Dublin, PA

TUES. NITE, JUNE 4, 1985

At 4:00 P.M.

Engines sell at approx. 5:30 P.M.

Koehler generator needs work w/4 cyl. engine, gas engines, Nova 5 H.P., Associated 3 H.P. on truck, I.H.C. model L. 1½ H.P, Fairbanks Morse 1½ H.P., Fuller Johnson 3 H.P. on concrete mixer, sm. air cooled 1½ H.P., B&S engine as is, sm. compressor, Massey Harris Pony tractor w/plow, culv., disc & sprayer, tractor chains, 1976 Chev. Custom Deluxe 10-½ ton pickup w/cap A M radio & converter & C B., J D 1 bottom plow, 14" potato plow, J D 2 row corn planter, hand cultivators & planters, wagon wheels & pts., root cutter, corn sheller, 2 horse plow, pot belly stove, pitcher pump, sewing machine base, blacksmith drill press, platform scales, jig saw & table saw comb., apple crusher, R.T. wheel barrow, hand tools, Duncan Pyfe drop leaf table, 3 pc. Victorian living room suite, pool table. Only a partial listing.

Lunch

Cond. - Cash or approved check.

Auctioneers:
Henry K. Freed & Sons
Lic. AU 000293L
822-0723

PUBLIC AUCTION

THURSDAY, JUNE 6, 1985

At 5:00 P.M.

2 Miles Southwest of GRATZ along the Gratz to Loyalton Road; 35 Miles North of Harrisburg.

ANTIQUES & COLLECTIBLES

(2) Dry Sinks; Oak Secretary; Cherry Drop Leaf Table; Tavern Table; Cherry Chest of Drawers; 3-Pc. Oak Bedroom Suite w/High Bed; Rope Bed; Oak Drop Leaf Table; Brass Bed; Birdseye Maple Dresser, Chest of Drawers, Chair & Rocker; Empire Victrola, Cane Seated Chairs & Rockers; Oak Chairs & Rockers; Ball & Claw Foot Stand; BOSCH RADIO & SPEAKER; Oak Sideboard; Singer Treadle Sewing Machine/Electrified Trunk; LYRIC APOLLO BLUE KITCHEN STOVE W/CHROME; COLOMBIA JASPER KITCHEN STOVE, both very nice; Roosevelt Clock; Combcase; Coffee Grinder; Picture Frames; Pitcher & Bowl; Opalescent, Carnival, Press & Pattern Glass Dishes; Agateware; Huckster Scale; Cast Iron Kettle; Buggy Robe; Quilts & Comforters; Old Clothing; German Bible; Iron Skillets; Cherry Stoner; Oil Lights; Old Newspapers, Almanacs & Postcards; Flax Combs; Wooden Tubs; Crocks; Jugs; Dated Jars; Washboard; Meat Bench; 12 Ga. Double Barrel Shot Gun; Butcher Fork & Ladle; Benches; Advertising Tins; Mill & Seed Bags; Kerosene Heater; Pot Belly Stove; Sad Irons; Cheese Box; Old Wooden Double Tub Washer; Wooden & Tin Measures; Hand Operated Milking Machine; Milk Pail; Milk Cans; Horse Collars; Harness & Fly Nets; many other items not listed.

OTHER PERSONAL PROPERTY

G.E. 30" Electric Range; Frigidaire Refrigerator; 3-Pc. Living Room Suite; B&W TV's; Rugs; Niagara Massager; Set Dinnerware; Other Dishes & Cooking Utensils; Flatware; Books; Vacuum Cleaner; Clothes Tree; Wringer Washer; Kerosene Stoves & ovens; COAL HOT AIR FURNACE; Sausage Stuffer; Meat Grinder; Scalding Trough; Grass Seeder; Window Sash; Painted Steel Roofing; Water Pumps; Binder Canvas; Chicken & Hog Feeders; Double Roll Cultipacker; Snow Plow Blade; many other items.

Lunch Available

CLAYTON SITLINGER,
Owner

Mike, Auctioneer
AU1599-L
George, Realtor & Auctioneer
AU209-L
(717) 425-3313

DEIBERT

LIQUIDATION SALE

OF WATER – SEWER CONSTRUCTION EQUIPMENT
GAS WACKERS – MUD PUMPS
PIPES – TANK TRUCK
CEMENT MIXER – TIRES

SATURDAY, JUNE 8, 1985

AT 9:00 A.M.

Located on Rt. 443 Pine Grove, Sch. Co. Pa.

Trailer mounted cement mixer, 3 pt. Airater, 3 pt. sod cutter, Drott backhoe buckets, 1500 gal. mod. 60 V-8 1968 Chevy fuel truck, Wacker gas tampers, 3 and 4 in. Centrifugal pumps, 1500 w. generator, water test pump, ele submergible pump, battery tester, various fuel tanks, flashers and barricades, Hiway const. signs, hydraulic cylinders and hoses, industrial loader chains, discharge and suction hoses, pipe slings and hooks, retaining clamps, water coolers, loader and truck tires, steel cutting edges, metal powder box, meter box bases, hard hats, assort. of hand tools, nuts, bolts, belts, drums and cases of all types oil, wooden parts bin, lumber, JD cat. tire rims.

Pipe and Fittings – Assort. of cement lined water pipe (4" to 24"), steel casings, corrugated terra cotta, PVC Sch-35 pipe (plus 8"-12" fittings); full line of steel water valves, tees, collars, gaskets, cement man-hole sections.

Note: Merchandise listed is mostly new surplus

TERMS: Cash or approved check.

Not Responsible for Accidents.

Sale by
A & R CONSTURCTION

Jay Riegel Jr., Auctioneer
717-754-7464
Lic. AU-001494-L

ESTATE OF CHARLES JENNINGS

ESTATE AUCTION!

JUNE 8-SAT.-10:30 A.M.

Located On Rt. 549, Daggett, Pa., Midway Between Elmira & Mansfield.

1977 ¾ Ton Chev (4 Wheel Drive) Swinger Truck Camper (Sleeps 4) 1980 4-Horse Trailer With Tack Room 'Eagle' Fiberglass Truck Cap Flat Bed Trailer Old House Trailer (For Storage) Farmall Cub Tractor Plows Cult Farmall Cub Mowing Machine Snapper Lawn Mower Hay Elevator Post Driver 2 Point Hitch Mower Spike Tooth Drags, Sulky Plow Potato Hiller Homemade Covered Wagon Homemade Pony Chariot Homemade Pony Wagon W/Benches Bob Sleds Walking Plows, Manure Spreader, Buzz Saw Lumber Wagon Steel Gates, New Feeder Rack & Wagon, Wagon Seats, John Deere Manure Spreader

(Horse Drawn)

Air Compressor Vise, Biro Meat Saw-Model 22, Elec Meat Grinder, Platform Scales, Electric Drills Saber Saw, Hydr Jacks Tap & Die Set, 8" Porta Cable Skill Saw, 7-¼" Porta Cable Skill Saw, Rockwell Router, Power Plane, Self-Starting Chain Saw, Bench Grinder, Chain Falls, Carpenter Tools, Garden and Hand Tools

25 Remingtom Pump With Scope, 32 Win chester Special Model 94 Single-Barrel Shotgun Powder Horn

2 Pony Saddles Youth Saddles, Double Pony Harness Double Pony Pulling Harness Pony Driving Harness Pony Collars And Pads Pony Halters Bridles Pony Sheets Blankets, Whipple Trees Tongues Shafts Double Trees, Clippers Old Horse Blankets Fortex Pails, Blacksmith Tools Anvil Forks Shovels Tractor Drawn Dump Trailer

Zenith Color TV B&W TV Color TV G E Refrigerator Freezer 2 Freezers Corner Cup board, Small Cast Iron Parlor Stove Rock Maple Table & 6 Chairs Oak Dropfront Desk Oak Bookcase Oak Highboy & Mirror Oak Desk & Chair, Saddle Stools Washstand Desk Smoke Stand Folding Rocker Beds, Dressers Chests Chifferobe Wardrobe Rollaway Bed Walnut Dresser Wooden Cupboard Recliner Rocker Metal Cupboards Wooden Card Table & Chairs Kirby Cleaner & Attachments Singer Sewing Machine Sony Radio, File Cabinet, Typing Table Elec Fan Chairs 2 Utility Tables, Linens Towels Blankets Kitchen Appliances Feather Tick Pots & Pans Dishes Picnic Baskets Silver Plated Serving Pcs

Oak Wall Clock Ox Yoke, Lyons Decorated Clock (As Is) Old S N Y Horse Tie, 2 Strings Sleigh Bells, Set Of 4 Bells Set Of 5 Bells, Old Block & Molding Planes Old Lantern Crocks Spittoon Old Baskets Bells, Butter Churn Wooden Butter Bowl Copper Boiler Lamp Bracket Soapstones Iron Frog Old Flatiron And Many Many More Items Too Numerous To List

Terms: Cash

ESTATE OF CHARLES JENNINGS
Margaret E. Harris, Executrix
Shedden's Auction Service
R.D.2, Gillett, Pa. 16925
Phone 717-596-2774
#AU-000835-L

Refreshments Available

PUBLIC AUCTION

DOLLS - HUMMELS
ANTIQUE FURNITURE & COLLECTABLES

On the premises of Bel Air Auction Galleries, 13 Ellendale St, Harford Co., Bel Air, MD (off of MD Rt. 24 Rock Spring Rd. 1 block from the intersection of Rt. 24 & Business Rt. 1) ON:

SATURDAY, JUNE 1, 1985

At 7 P.M.

DOLLS & DOLL ITEMS - approx. 200 dolls, 3 Shirley Temple 22 in.; German dolls - Adolph Wislizenus - Heinaick Hanwerck - Kistner - two Kistner - Kappelasdorf - 3 Madam Alexanders; 4 Effemba; 64 Matel walk 'n dance; Walker 27 in. 1930; 1972 Hasboro Annie & Shirley; A.M.O. DEP. 1894; Vogue angel baby; 8 - 10 in. Cameo twins; 5 - 4 in. thumbprints; Disc kid composition joint mark 1362 Germany; 2 - Raggedy Ann Knickerbacker w/boxes; 35 in. & 32 in. & 29 in. fully clothed dolls; Babykin twins; 3 Ideals - Soappy Rag doll, Thumberlina; many other composition disc; cloth & tin dolls; plus highchairs; cradles; beds; three 4-piece wicker doll furniture; & other items.

HUMMELS - approx. 90 Hummels; Accordian boy; Adoration; Builder; Chic girl; Doll bath; Homeward Bound; Just Resting; Let's Sing; Little Hiker; March Winds; Secret Path; School Boys; School Girls; Hummel plates annual 1973, 1975, 1977, 1978;

FURNITURE & OTHER ITEMS - Oak dry sink; oak wardrobe; dresser w/mirror; matching mahog. drop leaf tbls w/drawers; oak rush seated thumb back rocker; Lincoln rocker w/cane seat & back; blue willow; rose pattern Polish china; trains; depression glass; pressed glass; blue salt glazed churn; post drill; some antique tools; slated trunk; Dove tail carpenter's trunk; many other items.

Amoss & Freeman Auctioneers
Bel Air Associates, Inc.
13 Ellendale St., Bel Air, MD 21014
(301) 838-3000 or 879-7272

PUBLIC SALE

OF REAL ESTATE, ANTIQUES AND HOUSEHOLD GOODS

WARWICK TOWNSHIP

SATURDAY, JUNE 8, 1985

At 9:30 A.M.

REAL ESTATE AT 2 P.M.

Located along Pine Hill Rd., Warwick Township, Lancaster Co., PA.

Directions: Rt. 501 N. of Lititz, turn East onto Newport Rd., continue to Clay Rd. Turn N. on Clay Rd. continue to Pine Hill Rd. turn right.

4½ Acres, M/L Farmette

Frame bank barn.

Beautiful country setting. Meadow with stream. Room for horses.

LOT SIZE–4½ Acres, M/L. 381 ft. frontage, information or appointment call 733-4018.

LOW DRY SINK; Napanee Oak Kitchen Cabinet; Round Oak Extension Tables; Pressed Back Oak Chairs; Oak Cane Seat Chairs; Oak Sideboard; Oak Buffet; Oak Beds; Dressers & Washstand; Pressed Back Rocker; Low Grained Cupboard; Grained Blanket Chest; Square Oak Table; Oak Kitchen Cabinet; Antique Bedroom Suite; Fiddleback Rocker; Spindle Back Kitchen Chairs; Reed Chair.

2 **COLUMBIAN COOK STOVES;** Victrola; Trunks; China Closet; Gun Cabinet; Oak Medicine Cabinet; Kerosene Lights; Pictures and Frames; Slaw Boards; Wooden Tub; Washboards; Wooden Stompers; Waffle Irons; Sadirons; Fry Pans; **BUTCHER** Pan, Forks, Ladles, Strainer, Cherry Seeder; 2 Plate Wood Stove; Agate.

Lap Robes; Comforts (1 dated); Buffalo Robe; Fancy Work; Chalk Carnival Items; Baskets; 78 Records; Mantel Clock; Corona Heater; Post Cards; Bennington Spittoon; Crocks; (Blue markings).

Depression Glass; Carnival; Goofus Peanut Butter Glasses; Bear & Lincoln Banks; Potts; Store Bank.

Schwinn Bicycle; Rototiller; Garden Tractors; Axes; Extension Ladders; Iron Troughs; Iron Kettles; Milk Cans; Wooden Barrels.

Terms by
CLARENCE A. ENGLE, SR. ESTATE

T. Glenn Horst, Auct.
859-1331--AU000438L
Timothy G. Horst, Auct.
738-1245--AU001767L
Eaby & Eaby, Attorneys

Public Auction Register

HARRY W. WHITESIDE & ASSOCIATES
AUCTIONEERS & APPRAISERS
P.O. Box 279, Oxford, PA 19363
Phone (215) 932-2291

OPEN HOUSE
SUNDAY, JUNE 9, 1985
1:00 to 4:00 P.M.
ROBERT L. & SARA E. THOMPSON

REAL ESTATE
LOCATION: ½ Mile S. of Route #1 ByPass on Route 41, Lake Road & LR 131 - Avondale, Pa. London Grove Township, Chester County. 18 M. from West Chester, 20 miles from Wilm. & Newark, Del. Short distance to I-95. Close to Del. Park, Brandywine Raceway - Less than 1 hr. to Philadelphia and ½ hr. to Wilmington, Del.

Will Be Sold At

ABSOLUTE AUCTION
THURSDAY EVE., JUNE 27, 1985
AT 7:00 P.M. SHARP
26 + ACRE FARM
Auctioneer's Lic. No.'s
AU-1006-L AU-1041-L AA-1214-L

Jeff – Dave & Harry
BE SURE TO ATTEND

OPEN HOUSE
SUNDAY, JUNE 9, 1985
1:00 to 4:00 P.M.
BY ORDER OF
ROBERT L. & SARA E. THOMPSON

PUBLIC SALE
OF TOOLS, FURNITURE AND HOUSEHOLD GOODS
Reading - Muhlenberg Township
THURSDAY, JUNE 6, 1985
At 5:00 P.M.

Located at 2846 Leisz's Bridge Rd., Reading (Muhlenberg Township), Berks Co., Pa. Directions: Rt. 61 North of Reading to Hartman Road at Met Ed Headquarters continue to Leisz's Bridge Road.

Furniture
English Desk; Walnut Wardrobe; Trunk; Folding Table; Oak Library Table; 2 Oak Sideboards; Oak Dresser; Record Cabinet; Oak Tables; Oak Chair; Arch Back Chairs; Tea Cart; Oak Office Chair; Victorian Sofa; Oak Wash Stand; Antique Peanut Roaster; Cord Winder; TIFFANY TYPE DINING ROOM LIGHTS & Table Lights; Antique Meat Slicer; Large Collection 78 R.P.M. Records; Tilt Top Table; Small Cast Iron Wash Stove; Franklin Stove; Iron & Brass Bed; Pictures & Frames; Jeweler's 27 Drawer Cabinet; 7 pc. Den Furniture.

Tools
MACHINIST - INDUSTRIAL DRILL PRESS, 42" Height Gauge (Precision Instrument); 36" Vernier Compass; Gear Cutter; Machinist Tool Cabinets; Heli-Arc Electric Welder & Rods; 12" Vernier Caliper; Outside Calipers (Large & Small); Starrett 6"-7" Micrometer; 7"-8" Micrometer; 4"-5" Micrometers; Machinist's Gauges & Pins; Grinding Wheels; Centering Tools; Magnet Chucks & Tool Holder; C Sinks; Tap Extractors; Allen Wrenches; Dial Indicators (various sizes); Taps & Dies; Gauge Block Standard; 3"-4" Micrometers; 1"-2" Micrometer; Inside Micrometers; Surface Thermometers; Reamers; Precision Level; Gear Vernier; Indicating Bench Micrometer; Grease Guns; Caliper Table; 3 gal. Pressurized Paint Sprayer; Work Bench & Vise; Bolt Cutters; Lathe Chuck; Pipe Vise; C Clamps; Die Punch; Tool Cabinets.

Jacobsen Riding Mower; Toro Rotary Power Mower; Sledge Hammers; Garden Tools; Round Parts Bin; Plumber's Pot & Tank; Miter Box; also many other items to be sold!

Terms by
JUDITH J. TALUC

T. Glenn Horst, Auct.
859-1331 - AU000438L
Timothy G. Horst, Auct.
738-1245 - AU001767L

THURS. [illegible] P.M. Public Auction of Tractors & Farm Mach. DIRECTIONS: At Zinn's Diner in Thorndale, Chester Co., PA. turn S. under the RR bridge off Rt. 30. Turn right on South [illegible] Rd. onto Stoutt Rd. Cross West Chester Rd. on Romansville Rd. to Chestnut Lane, then right to the farm. Auction by order of: H.B. Wetherill Whiteford Sales Co.

FRI. JUNE 7 - 5:30PM Gap Auction. Antiques & Hshld Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Auctioneers.

FRI. JUNE 7 - 4:30PM Public Sale of Antiques, Hshld Furnishings, Truck, Tractor, Orchard Sprayer. Located across from The Knouse Foods Plant, Peach Glen, PA, in Tyrone Twp., Adams Co. Orie D. Wierman Estate Orie C. & Betty J. Cline, Executors. Clair R. Slaybaugh, Auctioneer.

PUBLIC SALE
COMPLETE DISPERSAL
SALE OF FARM
MACHINERY, FEED, FEEDING EQUIPMENT, DAIRY EQUIPMENT & DAIRY CATTLE

The undersigned, discontinuing farming, will sell the following at public auction on the farm located on Fair View Road, Cecil Co., Elkton, Md. From Elkton, take Rt. 213 north to intersection of Rt. 213 and Rt. 273 at Fair Hill; west on Rt. 273 2.8 mi. to Fair View Rd.; 1st farm on left. From Rising Sun, Md., take Rt. 273 east to intersection of Rt. 273 and Rt. 272; proceed east on Rt. 273 3.3 mi. to Fair View Road. Signs will be posted.

FRIDAY, JUNE 7, 1985
10:00 A.M. Sharp

ORDER OF SALE:

FARM MACHINERY: J.D. 4240 tractor/2400 hrs., cab, air, AM/FM radio, A.C. 5050 diesel tractor/505 hrs., 4 wheel drive, A.C. 400 loader/2 buckets, J.D. 336 baler/thrower, J.D. 3940 chopper/2 row 30" head & pick-up head, all hydraulic, J.D. 3 bottom 14" plow, J.D. 12' cultipacker, J.D. A-18 steamer, J.D. 716-A dual axle chuck wagon, J.D. running gear, J.D. 10' disc, J.D. 12' disc, J.D. off-set disc, J.D. 65 blower, J.D. 16-A flail chopper, Oliver 546 4 bottom 16" plow, N.I. 30" 2 row 327 corn picker-new, Sprayer 300 gal. tank, Ontario 16 hoe grain drill, N.I. 175 bu. spreader, N.H. 488 9' hay bine, N.H. 56 5 bar hay rake, N.I. 36' elevator, Ezee lime spreader, 2 grain wagons, A.C. 10' disc, old hay tedder, Grove chuck wagon, 10 ton gear, 2 section spring tooth harrow, 2 section spike tooth harrow, Athens chisel plow, 2 hay wagons, N.H. corn sheller, Danusen post hole digger/PTO, cement mixer, PTO seeder, clover seeder, single plow, 10 milk cans, large lot of lumber, fence posts, fence wire, 5 J.D. cylinders, J.D. tractor weights, and other farm tools, supplies, and 15-20 iron gates 10' to 16'.

FEED: 2 vacuum packed silage bags - approx. 100 tons of corn silage in each one; approx. 1000 bales of alphalfa & grass hay; approx. 300 bales mixed hay.

DAIRY EQUIPMENT: Mueller 1000 gal. bulk tank, Universal vacuum pump, Mueller 60 gal. heater, Agway 50 gal. heater, double wash vat, Mueller tank washer, Universal pipeline milking system for 20 stall barn, 4 Universal units and other dairy supplies.

DAIRY CATTLE: 72 HEAD OF HIGH GRADE HOLSTEINS This herd consists of 55 head of producing cows in various stages of lactation. DHIA testing has been used for 10 years; artificial breeding from Atlantic has been used for 20 years. There are 17 yearling heifers by Atlantic bulls. Herd is T.B. Accredited, Certified Bangs Free; tested within 30 days of sale for shipment. All cows have been pregnancy checked. Complete information on cows available at sale time.

SAMPLE OF COWS TO BE SOLD:

No.	Days	Milk	Fat
112	305	20,250 lbs	652
39	305	19,830 lbs	681
14	305	19,190 lbs	650
25	305	18,830 lbs	617
107	305	18,730 lbs	660
115	305	18,410 lbs	720
121	305	18,340 lbs	680
34	305	18,210 lbs	571
40	305	17,310 lbs	537
88	305	16,860 lbs	581
18	305	16,620 lbs	614
61	305	16,400 lbs	522
55	305	16,090 lbs	458
74	305	16,010 lbs	517
15	305	15,770 lbs	634

TERMS: CASH OR APPROVED CHECK
AUCTIONEERS NOTE: If you are a stranger to us, please bring a letter of credit from your bank.
Not responsible for accidents day of sale.

OWNERS:
E.W. TRUITT, INC. and KENNETH E. TRUITT
Elkton, Md.
Phone: 301-398-3431
398-4660

ABERDEEN SALES CO. INC.
Sale Managers/Auctioneers
Located in Churchville, Md.
Phone: 301-836-7590
734-7105 Night

Lunch will be served

QUALITY MACHINERY AUCTION
FORKLIFTS – TRUCKS
FARM MACHINERY
MONDAY EVE., JUNE 3, 1985
AT 6:00 P.M.

Sale will be held at the Teitsworth Sale lot, Barber Hill Road, Groveland, NY; 8 miles Southeast of Geneseo, NY.

Selling without Reserve - Equipment belonging to Telmark Leasing, Mr. Ed McCoy and others:

TRACTORS: JD 4430, 2940, 3020 gas, Ford 801, Farmall H wide front.

TRUCKS: 1975 Ford LN8000 Tandem w/cat D. Engine and 22 ft. grain body and 35 T. hoist, 1976 Chev. C60 w/18' body & hoist, 1978 IH S/A Tractor, 1949 Chev. w/14' body & hoist, 1968 IH 1½ T., 2 Old Ford F700 C & C, Chev. P.U., 1977 White Road Comander Tandem Tractor w/Cat 3406 10 spd. Trans. good shape, 1969 Single axle Freightliner Cummins power.

FORKLIFTS: (2) - Clark 5,000 lb. on big tires.

COMBINES: MF 550 w/2 heads, Oliver 535, excellent shape; Bidwell Bean Combine.

EQUIPMENT: Ont. drill, (3) running gears, JD 4B plow, Oliver 3B Trailer plow, NH 55 rake, 3 steel basket wagons, like new; JD 800 windrower, NI 299 mower, conditioner; Ubler Feed Cart, Manure pump, 55 KW generator, NI 2 beater PTO manure spreader, Tandem Van Trailer. Other Items too numerous to mention.

ROY TEITSWORTH INC.
Sales Managers & Auctioneers
Geneseo, NY 716-243-1563

PUBLIC AUCTION
FURNITURE AND ANTIQUES FROM THE SPEICHER ESTATE
MR. & MRS. GEORGE B. WARBURTON, & OTHERS, From CHESTERTOWN, MD.
SATURDAY, JUNE 8, 1985
AT 10:30 A.M.

Furniture and antiques to include victorian sofas, chairs, marble top tables, lamps, rockers, spindle back chairs, oriental rugs, sterling flatware service, sterling serving pieces, valuable jewelry, empire tables, wash stands, dining room suites, living room furniture, kitchen tables and chairs, kitchenware, refrigerators, washer and dryer, 10 cent slot machine (metal front-wood case), outside lawn furniture, dishes, pots and pans.

Antique spindle back deacons bench, copper, brass, cut glass, china, pine dry sink, drop leaf table, butlers table, curio cabinet, pictures, paintings, Gordon Grant etchings, art supplies and books, metal porch furniture, etc.

Empire side board, wash stand, double drop leaf table, antique brass fender, spool bed, antique chairs and rocker, towell stand, mirrors, pictures, glass, china, captains chest, spool dressing table, large gilt hall mirror 8 ft., Victorian marble top table, cane seat and back chairs, Victorian bed, childs chairs, deacons bench, 3 pc. wicker set, crocks, fire place tools, ice cream table, etc.

ORIENTAL RUGS: Turkmah Bokhara 8-6x6, Kashan 4-2x2-6, Sharaz 5x3, prayer rug, pair of runners, plus room size oriental (genuine hand knotted).

ANTIQUE & COLLECTABLE AUTOS: 1930 Ford model A luxury sedan (ex-cond), 1930 Ford model A sedan, 1968 Pontiac Firebird (24,000 miles ex-cond.), 1981 DeLorean (22,000 miles ex-cond).

JEWELRY AND SILVER: Ruby and diamond cocktail ring (6 cts of rubys), 1-3 ct. diamond mans ring, 1-antique diamond ring (1.4 ct. center diamond, 1.7 ct. center emeral, 1.4 ct. ruby center), 1 ct. diamond antique ring, 1-sapphire and antique ring, 1-set of Stieff sterling flatware (Betsy Patterson engraved), 1-set of Kirk and Son sterling flatware.

HARRY RUDNICK & SONS, INC.
Sales Managers, Auctioneers
Galena, MD. 21635 Ph: 301-648-5601

NOTICE: Free parking area for peddlers (Flea Market).

FRI. JUNE 7 - 10AM Public Bankruptcy Auction of Valuable Agricultural Real Estate. Located in Toughkenamon, Chester Co., PA. Take Vine St. off Main St., follow Vine St. to farm. By order of: Frederick L. Reigle Esq. E.M. Murry Associates, Auctioneers.

FRI. JUNE 7 - 7PM Registered Jersey Dispersal. Located Kling's Sale Barn, Rt. 74, 15 mis. N. of Carlisle, 2½ mis. NE of Landisburg, Perry Co., PA. Sale by order of: Federal Bankruptcy Court. Kling's Auction Service.

FRI. JUNE 7 - 6:30PM 1 Owner Gun Collection, JD Flintlock, Winchester, Remington, Parker, L.C. Smith, Charles Daley, Marlin, Fox, Browning, Savage. Located indoors at Virginville Fire Hall off Rt. 143 between Lenhartsville & Moselem Springs, Berks Co., PA. Owner will be revealed at auction. Dennis F. Wagner, Auct. Brian R. Folk, App. Auct.

FRI. JUNE 7 - 10AM Complete Dispersal Sale of Farm Machinery, Feed, Feeding Eq., Dairy Eq., Dairy Cattle. Located Fair View Rd., Cecil Co., Elkton, MD. From Elkton, take Rt. 213 N. to intersection of Rt. 213 & Rt. 273 at Fair Hill; W. on Rt. 273 2.8 mi. to Fair View Rd.; 1st farm on left. E.W. Truitt, Inc., & Kenneth E. Truitt, Owners. Aberdeen Sales Co., Inc., Auctioneers.

FRI. JUNE 7 - 11AM Public Auction of 79 Interstate Tested Cattle. Located on Loucks Mills Rd., 1 mi. S. of Ulysses, PA. Robert M. Shaylor, Auctioneer. Owned & Managed by: Jerry Pirrung Sales.

FRI. JUNE 7 - 7:30PM 2 Complete Herd Dispersals of 100 Head of Reg. & High Grade Holsteins. For: Mr. & Mrs. Isaac Hostetter, Quarryville, PA. Mr. & Mrs. Ralph Price, Whiteford, MD. Shady Lane Dairy Sales, Inc., ¼ mi. W. of Quarryville off Rt. 372 on Oak Bottom Rd.

FRI. & SAT. JUNE 7 & 8 - 10AM Public Auction of Truck Parts & Access., Truck Maint. Tools, Garage Eq., Storage Trailers, Van Bodies. Former Mandata Poultry Co., Rt. 225, Herndon, PA, 45 mis. N. of Harrisburg, PA & 14 mis. S. of Sunbury, PA. Commercial Auctioneers: Col. Steve Sitar & Co.

SAT. JUNE 8 - 10 AM Registered Heifer. New Holland Sales Stables, Inc., Auctioneers.

SAT. JUNE 8 - 10 AM Public Auction of Farm Mach., Hay & Corn, Trucks, Sawmill, Butcher & Dairy Eq., Farm Accessories. Located Millersburg, PA. Approx 3 mis. E. of Millersburg, Rt. 209, or 5 mis. W. of Elizabethville on Rt. 209 & ½ mi. N. on Landis Drive at the Free Grace Church. Mr. & Mrs. Earl Raker, Owners. Edwin Shoop & David Deibler, Auctioneers.

SAT. JUNE 8 - 10 AM Public Auction of Collectibles, Antiques, Hit & Miss Engines, Guns, Mach. Lathe, Furniture. Located Berwick, PA, RD3, Martzville Rd. Turn N. on Market St., go to end. Myron & Isabel Heckman, Seller. Nevius Auction Service: Dan Nevius, Auctioneer.

SAT. JUNE 8 - 9:30 AM Public Sale of Real Estate, Antiques & Hshld. Located along Pine Hill Rd., Warwick Twp., Lanc. Co., PA. DIRECTIONS: Rt. 501 N. of Lititz, turn E. onto Newport Rd., continue to Clay Rd. Turn N. on Clay Rd. continue to Pine Hill Rd., turn right. Terms by: Clarence A. Engle, Sr. Estate. T. Glenn & Timothy G. Horst, Aucts.

SAT. JUNE 8 - 9:30 AM Barge, Line Eq., Trucks & Vehicles. For Consolidated-Edison Co., Astoria, NY. Vilsmeier Auction Co., Inc.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. JUNE 8 - 9 AM Selling Lifetime collection of the Late Irvin M. Scheib at the corner of S Second & Heller Sts. in Berrysburg, Dauphin Co., PA; 10 mis. E. of Millersburg; 30 mis N of Harrisburg Mrs Irvin M Scheib, Owner. Mike & George Deibert, Auctioneers.

SAT JUNE 8 - 9 30 AM Public Sale of Hshld. Goods, Antiques, Dolls, Dishes, Garden Tools, Guns. Located in Lanc. Co., PA, on Diller Ave. in New Holland. From Rt. 23 go S. on Diller Ave. across RR tracks, first farm left Mrs Allen Hoover, Owner. Steve Petersheim & Steve Jr., Auctioneers.

SAT. JUNE 8 - 10 AM Outstanding Estate Auction, Fine Furnishings, Antiquels, Guns, Farm Eq., Tools, Tack. Location: Grove Rd., Elverson, PA. Approx. ¼ mi. off Rt. 23, between village of Elverson & Rt. 100. Terms by: Mr. & Mrs. Charles Berry. Ken Reed, Auctioneer.

SAT. JUNE 8 - 12 Noon Public Auction of Antique Gas Engines, Museum Quality Tractors. Located West Alexander Fairgrounds, West Alexander, PA. Off I-70, PA Exit I. Randy L. Shook Auctioneer.

SAT. JUNE 8 - 10 AM By: Edna M. Shenk Est. Farm Eq., Tools & Hshld. Goods. Located Lititz, PA. Paul E. Martin & John D. Stauffer, Auctioneers.

SAT. JUNE 8 - 9AM Electrical & Plumbing Supplies. Located E of Carlisle, from Rt. 11 near I-81 intersection take S Middlesex Rd. to Claremont Rd. to Auction Site. Auction for: Traffic Control Systems. John Mumma, President. Kerry Pae Auctioneers

SAT. JUNE 8 - 11AM 5 Burlington Co., NJ. Farms. Comprising 608& Contiguous Acres. From Exit 7, NJ Turpike: S. on Rt. 206 approx. ¼ mi. to Old York Rd, left to Rt. 528. Right to Village of Chesterfield. Louis Traiman Auction Co.

SAT. JUNE 8 - 2PM Public Sale of 20 acre Farmette. Located 6 mis. N. of Manheim, Rapho Twp., Lanc. Co., PA. Going N. on Rt. 72 turn left onto Pinch Rd., before crossing over turnpike turn left onto Camp Rd. Near United Zion Camp Grove. Sale by: William Saylor. Rufus Geib & Raymond Miller, Auctioneers.

SAT. JUNE 8 - 10AM June Farm Eq. Consignment Auction. Sell at Hunter's Sale Barn, Inc., Rt. 276, Rising Run, MD. 301-658-6400.

SAT. JUNE 8 - 10AM Farm Eq., Antiques, Hshld. & Guns. Located St. Peters, ½ mi. N. of Harmonyville Rd., Chester Co. Arthur J. Hurth & Wife, Owners. R.H. Thompson, Auctioneer. Geo. Cummerer, Assoc. Auct. Gail Grimley, App. Auct.

SAT. JUNE 8 - 9:30AM Benefit Auction of New Covenant Christian School Quilts, 3D Painting, Hshld., Tools, Handcrafted Items, Hardware. Located Lebanon Area Fairgrounds, SE of Lebanon off Rt 72, at corner of Cornwall & Rocherty Rds. Harry H Bachman, Nelson L. Ebersole & Jay Witman, Auctioneers

SAT. JUNE 8 - 10:30AM Public Auction of Farm Eq., Horse Drawn Eq., Pony Saddles, Hshld. Located on Rt 549, Daggett, PA, midway between Elmira & Mansfield. Estate of Charles Jennings Magaret E. Harris, Executrix Shedden's Auction Service

SAT. JUNE 8 - 10AM Public Auction of Farm Eq., Tools & Hshld. Location: Rt 501, at N. end of Lititz, PA. Turn W. on Lincoln Ave to first farm on left. Auction by. Edna M. Shenk Estate. J & P Auctions: Paul E Martin & John D Stauffer, Auctioneers

SAT. JUNE 8 - 9AM Liquidation Sale of Water-Sewer-Construction Eq Located on Rt. 443, Pine Grive, Sch. Co., PA Sale by. A&R Construction. Jay Riegel, Jr., Auctioneers.

SAT. JUNE 8 - 10AM Public Sale of FArm Mach., Small Tools. Located 865 Long Corner Rd, SE of Mt. Airy, Howard Co, MD Jesse T. Crowder, Jr., Owner Austin Bohn & Chas Funkhouser, Auctioneers.

SAT. JUNE 8 - 10:30AM Public Auction of Furniture & Antiques from the Speicher Estate, Mr & Mrs. Geo. B. Warburton, & Others from Chestertown, MD. Harry Rudnick & Sons, Inc., Auctioneers

SAT. JUNE 8 - 10AM Public Auction of Power Tools, New Ford 3610 Tractor, Wheel Horse Lawn Tractor. Located along Rt. 29 just S. of Emmaus near Becks Farm Eq Ordered by: Rovena Hoanzl Ralph W Zettlemoyer Auction Co., Inc.

MON. JUNE 10 - 11AM Public Bankruptcy Auction of Valuable Agricultural Real Estate. Located approx. 8 mis. N. of Somerset, PA. Take Rt. 985 N. to Gray, make right turn at Magazzu's Restaurant just midway between Sipesville & Jennersville, after right turn take first gravel rd right to farm. Just off Leg Rt. 55082. By Order of Barry A. Solodky- Esq E.M. Murry Associates, Auctioneers.

PUBLIC AUCTION

SATURDAY, JUNE 8, 1985
At 9:00 A.M.
SATURDAY, JUNE 15, 1985
At 9:00 A.M.

Selling the lifetime collection of the late Irvin M. Scheib at the corner of South Second & Heller Streets in Berrysburg, Dauphin County, Pa.; 10 miles East of Millersburg; 30 miles North of Harrisburg. (Watch for auction signs along Rt. 25 the day of sale).

ANTIQUES & COLLECTIBLES

Buggy; (4) Cutter Sleighs; 2-Horse Sleigh; Hand & Animal Wagons; 2-Wheel Carts; Shafts; Saddles; Lot HARNESS; Hames; Collars, etc.; Leather Punches; Stitching Clamp; Sleigh Bells; Buggy & Spring Wagon Seats; approximately (200) WAGON & BUGGY WHEELS; Wagon Wheel Rims; Stacks of WAGON PARTS; Model T & other Auto Wheels & Parts; Railroad, Barn & Buggy Lanterns; Bicycle Lights; Carbide Lights; Old Auto Lights; Miner's Oil Lights; Copper Canteens; Oil Cans; Beam Scales; Huckster Scales; Ice Saw; Cross Cut Saws; PUMP JACKS; Tobacco Press; WOODEN PUMP & PARTS; Early Child's Sleds; Buggy Axles; Lot License Plates; Lg. & Sm. ANVILS; Lot BLACKSMITH TOOLS; Blacksmith Vise; Farrier Boxes; Lot Nuts & Bolts; Brass Tire Pump; Pipe Vise; Bench Vise; Wrenches; Tool Chests & Trays; FULL LINE CARPENTER TOOLS; Electric Drills; Drill Press; Bench Grinder; Wood Lathe Tools; Cement Tools; Stained Glass; Meat Hooks; Drawing Knives; SLICKS; ADZES; BROAD AXES; POST AUGERS; BUTCHER FORKS & LADLES; DENGELSHSTOCK; WOODEN PLANES; COPPER APPLE BUTTER KETTLES; Small Copper Kettle; Butcher Kettles; Cast Iron Buckets; Teakettles; Milk Cans; Shoe Lasts; Tin & Cast Iron Seats; Potato Plows; Clover Seeder; Single Row Corn Planter & Cultivator; Spring Wagon Parts; Bone Grinder; Plow Shears & Cultivator Parts; Horse Plows; Scorer; Wheelbarrows; Corn Sheller; Garden Tools; Picks, Stone Hammers, Wooden Rakes, Etc.; Corn Chopper & Huskers; Grain Cradles & Sickles, etc.; Fancy Shelf Brackets; Ornamental Fencing; Lg. Barn Hinges; Meat Grinder; Sausage Stuffer; Lard Press; Barrel Augers & Taps; Bark Peelers; Apple Peelers; Cherry Stoners; Tin & Wooden Measures; Lot Dovetailed Boxes; Wooden Nail Kegs; Ice Tongs; Pulleys; Advertising Tins; Ice Skates & Creepers; Jugs; Crocks; Showcases; Empire Chest of Drawers; Stoves & Stove Parts; Lot Treadle Sewing Machines; Lot Chairs; Beds; Library Tables; Organ Stools; CRADLES; Baby Carriages; Cane Seated Wheelchair; Picture Frames; Clothes Trees; Milk Separators; Lawn Furniture; Pot Belly Stove; Agateware; Old Books; Metal Toys; Kerosene Lights; Waffle Irons; Wooden Buckets; Bread Risers; Iron Skillets; Fruit Dryer; Dried Cherry & Walnut Lumber; etc.; MANY, MANY OTHER ITEMS.

Camper Top: 6 Ft. & 8 Ft. Toppers; Sears 7½ h.p. Outboard Motor.

The above is only a partial listing! IRVIN M. SCHEIB was an active collector. He has several sheds FILLED with merchandise.

NOTE: Most of the horse related items including Buggy & Sleighs will be sold on June 8.

Lunch Available

MRS. IVRIN M. SCHEIB,
Owner

Mike, Auctioneer
AU-001599-L
George, Realtor & Auctioneer
AU-000209-L
(717) 425-3313

DEIBERT

NOTICE OF PUBLIC SALE

To All Concerned:

Take notice that the following chattel will be sold at public auction to the highest bidder on the 3rd day of June 85 at the place of business of Lehigh Ag Equipment located in Wescosville, PA at 1 o'clock in the afternoon.

1 John Deere 317 Tractor #201725. 1 John Deere 5B Sprayer. 1 PECO 5 HP Lawn Vac.

John Deere Company, Inc. reserves the right to bid at the public auction sale. Equipment is to be sold in As-Is condition.

Dated: 16 May 1985

John Deere Company, Inc.
P.O. Box 4949
Syracuse, New York 13221

PUBLIC AUCTION

WOODWORKING TOOLS;
GUNS 1974 FORD
GRAN TORINO
PERSONAL PROPERTY

TUES. EVE. JUNE 4, 1985
At 5:00 P.M.

Located along Rt. 625 in Village of Bowmansville. From Rt. 23 take Rt. 625 North to Village of Bowmansville. Watch for auction sign.

TOOLS

Rockwell 10" Tilting Arbor Saw; Rockwell 32" Radial Drill Press with attachments; Craftsman Shaper; DeWalt Jointer; B & D Belt Sander; B & D Finish Sander; B & D Heavy Duty ¾ h.p. Router; B & D 6½" Heavy Duty Circular Saw; ½" Heavy Duty Drill; B & D 3/8" Vari. Spd. Drill; Craftsman Sabre Saw; Wallace Morticing Machine 1 h.p. motor; 12" Wood Planer with 4 h.p. gas engine; Planer Knife Sharpener; 10" Whet Grinder; Craftsman Bench Vise; DAYTON 3KW GENERATOR with 8 h.p. BRIGGS & STRATTON ENGINE; Pipe Vises; Pipe Wrenches; Socket Sets; Sandusky #146 Wood Plane; Old Stanley No. 55 Rabbet Plane; (2) 4' Alum. Levels; Clamps; Stone Hammers & Chisels; Heavy Sledge Hammer; Digging Iron.

1974 Ford Gran Torino

4 dr., PS, PB, AC, AM-FM Radio, 351 Engine, good tires, 91,000 mi. Car looks good and runs good and in nice shape!

Honda CB 100 Motorcycle

Simplicity #1005 Rototiller only 2 yrs. old, LIKE NEW; Hahn Reel Type Mower; Scott Spreader; 3 h.p. Snowblower; Hahn Rotary Push Mower; Tomato Cages.

GUNS

Savage 30-30 Bolt Action with Clip; J.C. Higgins .22 Cal. Bolt with Scope; Mossberg .22 Cal. Model 341 Bolt Action (brand new, never been fired); H & R Single Barrel 12 ga.; Gun Case; Coleman Lantern; Coleman 2 Burner Camping Stove; Fishing Rods.

15' Alum. Boat w/40 H.P. Evinrude Motor w/Trailer, Excellent Condition

Personal Property: Dishes; Pots & Pans; Zenith B & W TV with stand; 4 Cane Seat Chairs; Enterprise Meat Grinder; Meat Cleaver; Butcher Knives; Sunbeam Mixmaster; G.E. 2 Slice Toaster; Car Radios; Hanging Lights; Olivett #600 Elec. Adding Machine; Victorian Chest of Drawers with Mirror; Desk; Quilting Frame (new); many other items. 15 cu. ft. Hotpoint Freezer; Royal Typewriter.

Note: Tools can be seen Mon. Eve., June 3 & Tues., June 4. A good opportunity to buy tools that are well kept and in nice condition. Sale will be starting with small items and household goods. Guns, car & boat to be sold at 7:00 P.M. Don't miss this sale!

Terms by
KATHRYN WITMER

Auction conducted by
Randal Kline, Lloyd Kreider
Roy Good, Jr. Auctioneers AU2116-L
Refreshments Bowmansville Fire Co.

KLINE & KREIDER AUCTIONEERS

VALUABLE REAL ESTATE
To Be Offered At
PUBLIC SALE

SATURDAY, JUNE 22, 1985
at 12:30 P.M.

Fully Equipped Hunting Camp on 108 acres of Mt. Land. in Central, Pa. near Livonia, Pa. off Rt. 192 Centre County.

Bounded on three sides by State Forest Land. Along well maintained State Forestry Road. 7 mile off Interstate 80. Stream of property, one of the best hunting areas in PA. Also near good shopping areas and recreation areas, etc.

For terms of sale and inspection: Call 717-748-5624 or 717-748-5909.

Also Personal Property to be sold June 22, starting at 9:00 A.M.

Auctioneer: Earl W. Weaver
Aaunsburg, Pa.
Phone 814-349-5290
Lic. #AU-000980-L

EDNA M. SHENK ESTATE
PUBLIC AUCTION
FARM EQUIPMENT, TOOLS AND HOUSEHOLD GOODS

SATURDAY, JUNE 8, 1985
Auction Time: 10:00 A.M.
Location: Route 501, at north end of Lititz, Pa. Turn west on Lincoln Ave. to first farm on left.

10 pc. Dining Room Suite

OAK HI BED; Oak Bed; 6 pc. BEDROOM SUITE; 2 pc. Living Room Suite; Box Spring and Mattress; Rocker Recliner; 2 Upholstered Chairs; QUASAR 25" Floor Model COLOR T.V., 1 yr. old; Frigidaire Refrigerator; Singer Sewing Machine in cabinet; BLANKET CHEST; Cedar Chest; Empire Chest of Drawers; High Chair; Folding Top Wall Table; Misc. Small Tables; Clothes Tree; Folding Chairs; Card Table; Marble Stand; Hexagon Stand; Magazine Rack; Plank Bottom Chairs; Cane Seat Rocker; Child's Rocker; Floor Lamps; Decorative Spinning Wheel; Meat Slicer with motor; Copper Wash Boiler; Veg. Dryer; Bone Saw.

Kundo Battery Clock

Sunbeam Deep Fryer; Electric Fry Pan; Roast Pan; Food Grinder; Waffle Iron; ARGUS 35mm CAMERA; Slide Projector and Screen; Lamps; GONE WITH THE WIND LAMP; Blancher; Roast Pan; Coffee Urn; Agateware; Flatware; Pots and Pans; Cake Saver; Wm. Rodgers Creamer and Sugar; Blankets; Linens; Table Cloths; Set of China, service for 12; Sherbets; Jars; Vases; Mirrors; Suitcase; Glass Banks; Wooden Clothes Dryer; Wooden Butter Dish; Small Chest; Miniature Spring Wagon Seat; STATE QUILT; other Old Quilit;

Farmall A

with Cultivator and Hydraulics; FARMALL H with Horn Loader and Snow Plow; LILLISTON 7 ft. Trailer Mower; Echo Chain Saw; Echo Weed Eater; 16' Flatbed Wagon; BLACK HAWK Corn Planter; 2 Section Spring Harrow; Oliver Radex Trailer Plow; Planet Garden Tractor; Shovel Harrow; Row Marker; Gasoline Engines; Deluxe Motorcycle Engine; Bag Wagon; Wheelbarrow; Century Heater; Scaffolding; Chicken Coops; Airplane Skis; Electric Gas Pump with tank; lot of Misc. Hand Tools; LOT OF WELL SEASONED WALNUT LUMBER.

Auction order — Tools, Household Goods, Farm Equipment.

Auction by
EDNA M. SHENK ESTATE
Betty Landis, Executrix
Lois Hoover, Executrix
Glenn R. Shenk, Executor
717-626-6984

Auction conducted by
J & P Auctions
Paul E. Martin AU-001601-L
Ephrata, Pa. 717-733-3511
John D. Stauffer AU-001509
Lititz, Pa. 717-665-5099

Food At Auction

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MON. JUNE 10 - 10 AM Gabriels, Franklin Co., NY. Complete Line of Potato Farm Machinery of Longtime Seed Grower Dave Young. PIRRUNG AUCTIONEERS, Wayland, NY. 716-728-2520.

TUES. JUNE 11 - 4PM Farmersville Auction in Farmersville, 3 mis. E. of Brownstown, Lanc. Co., PA.

WED. JUNE 12 - 5PM Public Auction of Antiques & Collectibles, 1949 Chev. Sedan, Guns, Hshld. Location: 30 Hillcrest Rd, Harrisburg PA Take Exit 24 S. off I-81 onto Progress Ave., left onto Elmerton Ave., 2 blocks turn right on 36th St., proceed to Hillcrest Rd. & turn left. For. Mrs. Jennie Laudermilch. Dockey, Dockey, Deppen, Auctioneers.

WED. JUNE 12 - 6PM Consignment Auction of Farm Tractors & Equipment Goodrich Auction Service, Inc., Rt. 38 & 38B Newark Valley, NY North Owego, 19 mis W of Binghamton, NY 607-642-8688.

THURS. JUNE 13 - 2PM Public Sale of Lebanon Co Farm Real Estate. Located North Lebanon Twp., Leb Co., PA, along Heilmandale Rd & Rt. 72. R & B Associates, Inc., Owners Earl S Buffenmeyer Auct

THURS. JUNE 13 - 9AM Public Auction of Farm & Butcher Eq. Located along Snake Hill Rd., approx. 1 mi. N. of Rt. 23 E of Lancaster, PA, 2 mis. W. of Leola Daniel Z. & Lydia Stoltzfus, Owners. Ron Funk Auctions.

FRI. JUNE 14 - 1:30 PM Public Auction of PA State Graded Feeder Pigs. Carlisle Livestock Market Inc. Exit 12 off I-81 717-249-4511.

FRI. JUNE 14 - 5:30PM Gap Auction Antiques & Hshld. Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Auctioneers

FRI. JUNE 14 - 9AM Large Dispersal Auction of Farm Mach., Potato Eq., Trucks, Cars, Hshld. Goods & Antiques. Located in Winterstown Boro, just off Rt. 24. First Farm along Rt. 216 W in North Hopewell Twp., Felton, York Co., PA. Mr. & Mrs Arthur Hildebrand, Owners. Bob & Tom Sechrist, Auctioneers

SAT. JUNE 15 - Benefit Auction of Ephrata Menn. School. Located along Schoeneck Rd., Ephrata Pual E. Martin & John D Stauffer, Auctioneers.

SAT. JUNE 15 - 9AM Auction of Equip & Trucks. For. Virginia Electric Power Co., Richmond, VA Vilsmeier Auction Co., Inc

SAT JUNE 15 - 10 AM Public Auction of Inventory Plumbing Supplies & Misc. Located in Martindale, PA, Lanc Co. Rays Plumbing, Owners Paul W Horst, Auctioneer.

SAT. JUNE 15 - 9 AM Selling Lifetime collection of the Late Irvin M. Scheib at the corner of S. Selcond & Heller Sts. in Berrysburg, Dauphin Co., PA, 10 mis. E. of Millersburg; 30 mis. N. of Harrisburg. Mrs Irvin M Scheib, Owner Mike & George Deibert, Auctioneers.

SAT. JUNE 15 - 10AM Clearing Warehouse for New Inventory. Location Geo. B Keiser Warehouse on corner of Chestnut & 7th Sts., Shamokin John Autotore & John, Jr., Auctioneers.

SAT. JUNE 15 - 9AM Public Sale of Real Estate, Antiques & Hshld. Located 40 S. Charles St., Ephrata, PA. Terms by Mabel S Keller Estate T Glenn & Timothy G Horst, Auctioneers

SAT JUNE 15 - 10AM 8 acre Farmette, Antiques, Personal Property Located at Rising Sun, MD, right along Ridge Rd., Cecil Co. Sale by: Walter & Ruth McCummings. Auction conducted by J Omar Landis Auction Service. Jay M Witman, Auctioneer.

SAT JUNE 15 - 10AM Vehicles of Heller's Trucking, Linden, NJ. Vilsmeier Auction Co., Inc., Auctioneers.

SAT JUNE 15 - 10AM Public Auction of Antiques & Collectibles, Hshld Location: 801 E. Clay St., Shamokin, PA Take Shamokin St. to St. Edward's Church. Turn left, proceed to top of hill, turn left on Vine St. to E. Clay St. For: Ethel M. Lawrence. Dockey, Dockey, Deppen, Auctioneers.

SAT. JUNE 15 - 9AM Public Sale of Tractors, Farm Eq., Garden Tractors, Many Antiques & Modern Hshld Furnishings. Located Midway between York Springs & Heidlersburg on Business Rt. 15 Then at Rock Chapel sign turn N 1 mi Adams Co., PA Roy S. Pifer, Owner Clair R Slaybaugh, Auctioneer

SAT JUNE 15 - 9AM 6 Acre Berks Co. Farmette w/Dwelling & Barn, Antique Furniture, China & Glassware For Chareles E Stevens, Pine Tree Rd., off Rt 29, 1 mi SE of Rt 100, between Hereford & Palm, PA Sanford A Alderfer, Inc., Auctioneers

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Arthur H. McCummings Estate

ABSOLUTE PUBLIC AUCTION

"Everything Selling to the Highest Bidder"

VALUABLE REAL ESTATE, ANTIQUES, PERSONAL PROPERTY

SATURDAY, JUNE 15, 1985

10:00 A.M. Real Estate 11:00 A.M.

Located along Ridge Road, Cecil County, Rising Sun, MD

Directions: From Route 1 Turn onto Red Pump Road. Take Red Pump Road to Ridge Road, Turn left onto Ridge Road to Auction Site. Watch for "Auction Today" Signs.

Approximately 8 Acre Farmette

2½ Story Log House sided with Wooden Clapboard; Large Living Room being Paneled; Large Dining Room; Kitchen with Large Eat-In Area; Full Bath; (3) Bedrooms, Sewing Room Area; Enclosed Front Porch; Winding Stairs; Slate Roof; Fireplaces; Well Water, Septic Tank; Heated by Wood Stove; Large, Mature Shade and Cherry Trees.

Barn Having:

(2) Drive-In Bays, Slate Roof; (2) Hay Mows; Small Built-In Corn Crib; (3) Separate Stalls with Entrance to Fully Fenced-In Pasture; Spring Fed Stream; Other Farm Related Building for Storage.

☆ This Property Having a Quiet Country Setting Is Ideally Set-up for a Small Horse or Beef Farm.

Real Estate Terms: 10% Down Day of Auction. Balance within 30 Days. Free and Clear Deed Will Be Guaranteed.

To Inspect Real Estate: Open House Date June 8 1:00-4:00 P.M. Or Call for Additional Appointments. 1-301-658-2492 or Call Auction Firm.

ANTIQUES, PERSONAL PROPERTY

Good Early Horse Weather Vane; Good Two Part High Top Dry Sink (Having Blind Doors and Bracket Feet); Low Drysink; Kitchen Cabinet; Oak Larkin Desk (Nice); (2) Oak Claw Feet Morris Chairs; Oak Dresser with Glass Pulls; Cottage Dresser; Oak Press Back Rocker; Set of (4) Oak Chairs; Country One Drawer Open Wash Stand; (2) Good One Drawer Stands; Oak Upholstered Rocker; Hall Table; 10 Piece Waterfall Dining Room Suite; Depression Era Vanity Dresser; Half Moon, Round, Tables; Iron Beds; Steamer Trunk; Gooseneck Rocker; Wood and Gas Stove; Sylvania Color Floor Model T.V.; Truetone Black and White T.V.; Floor Light; End Tables; (1) Log Wood Stove; 5 Piece Limoge Dresser Set (Signed); 2 Piece Limoge Celluloid Collar, Button Set (Signed); Limoge China Comb and Brush Holder; Celluloid Comb and Brush Set; Good Wooden Silverware Tray; Pitcher and Bowl Set; Crocks; Skillets; Ice Cream Dipper; Kitchen Utensils; Canner; Everyday Dishes; Books; Christmas Decorations; Jars; Hand Garden Tools; Hinges; Brush Axe; Shoe Scraper; Roll of Linoleum; Milking Stool; Burlap Feed Bags; Wooden Feed Chest; Wooden Ext. Ladder; Straw Cutter; Dropleaf Table; Bench; Wooden Plant Stands; Aluminum Feed Scoops; (2) New Rolls of Barbed Wire; Miscellaneous Wood; Mountville Iron Trough; Wizard Power Push Mower; Riding Tractor Mower; Many Other Items too Numerous to Mention.

Food Served

TERMS: Cash or Approved Check

Auction for the:

ARTHUR H. McCUMMINGS ESTATE

Walter James

Ruth L. McCummings Administrators

Auction Conducted By The

J. Omar Landis Auction Service

Jay M. Witman AU001127-L

Box 501, Ephrata, PA 17522

717-627-0789 or 665-5735

SALE UNDER TENT
BRING CHAIRS

PUBLIC AUCTION

SATURDAY, JUNE 8, 1985

10:00 A.M. "SHARP"

Berwick, PA - R.D. #3 - Martzville Road. Turn north on Market Street - Go to end - Watch for Signs. Sale one mile - Sale by Berwick Golf Club.

"COLLECTABLES" — ANTIQUES HIT & MISS ENGINES — GUNS MACH. LATHE — FURNITURE

Old washstand & splashback - very old upright coffee maker w/copper top - oak step dresser, 2 drawer, one door & back mirror oak dresser & mirror - 3 tier oak stack book cases oak swivel desk chair - old kerosene stove, nice Larkin oak drop from desk with small mirror on top 2 old school desks, one with plain iron legs, one fancy iron legs old wood tea cart, w/glass tray drop leaf cherry table w/drawer very old wood high chair & stroller comb w/iron wheels, very nice - Seth Thomas wall clock, office type - old Ansonia mantel clock w/cast iron case, fancy trim, nice knick knacks many nice old chairs brass ceiling light w/etched glass old Singer sewing mach lg wood potty chair small oak hall cabinet w/shelves North Elec wood wall phone Wester Elec oak box phone horsehair top piano stool w/cast legs sq half trunk wicker setee old drop front desk w/pigeon holes on top, 3 drawers, one long drawer old pictures & picture frames oak dresser, 3 drawers, tip mirror on top child's potty chair, wood oak rolled top bed wood & cloth privacy screen

Oak mirror w/wood lamp holders rope & brass ship's table w/brass propeller on bottom wood mantel mission clock, v nice beer signs & wall plaque - Old Milwaukee Ballantine Ale Utica clock Fort Pitt beer etc Duquesne beer clock old green enamel coal stove for fireplace insert, fancy oval room coal stove w/legs, ashes come out side door, nice sq China closet, glass on 3 sides cast iron hitching post w/horse head, 40" high graniteware tinware - some nice dishes pattern glass - dep glass Mexico pottery etc P Blaisdell & Co 6 ft machine lathe, pulleys, etc., good cond & ready to go power hack saw, good - 6 h p Fuller & Johnson hit & miss engine on large wagon w/iron wheels 6 h p Witte hit & miss also on lg wagon - two 4 h p Leaders hit & miss engines - International 1 h p hit & miss engine new elec winch, 12 volt DC, Sears very old & beautiful 2 tone oak bedroom suit, bed is 6' high at headboard, fancy top with spindles, inlaid wood in center, post on sides matching washstand w/teardrop pulls dresser, fancy top like bed, lg mirror, teardrop pulls - child's roll top desk & swivel chair

"GUNS TO BE SOLD AT 1:30 P.M. SHARP"

Remington 43 cal rolling block - N R Davis d b 20 ga shotgun, hammer type 12 ga d b shotgun American Gun Co 12 ga d b shotgun - Syracuse Gun Co 12 ga hammer d b shotgun - T Barker d b hammer 12 ga shotgun - S H Harrington d b 12 ga hammer shotgun - Westley Richards 12 ga d b hammer shotgun 12 ga d b percussion Occidental 12 ga d b shotgun - T F Randall 12 ga d b under lever brake William Parkhurst 12 ga d b shotgun Wilmot 12 ga d b percussion Trupertus single shotgun, hammer type J Stevens 32 cal rifle, oct barrel, single shot - French d b hammer shotgun - 30-40 Craig barrel & Stock - Flobert 22 rifle, oct barrel - O F Mossberg b a 22 - Plymouth 12 ga d.b shotgun - 1853 Spingfield musket French 12 ga Zulu single, side hammer - Swiss bolt act 41 cal rim fire - Maastrict German mod 71 rifle 1904 Winchester 22 single shot - Sears 410 pump - Hamilton 22 rifle - Mosier 22 rifle - 3 Civil War swords & 2 scabbards, one with owner's name - percussion English tower pistol, hammer type - Hopkins & Allen 22 pistol, 7 shot - 38 cal Meriden pistol, 5 shot - H&R 32 cal pistol - H&R Bulldog 32 cal pistol - Rossi 22 pistol d b pepperbox - Allen Thurber 32 cal percussion, good working cond

MANY ITEMS TOO NUMEROUS TO MENTION

Sale Terms: Cash or approved check.

NOT RESPONSIBLE FOR ACCIDENTS

Statements made day of sale take precedence over previously written material.

Seller -

MYRON & ISABEL HECKMAN

NEVIUS AUCTION SERVICE

Box 187, Mifflinville, Pa 18631

Phone 752-4214

AUCTIONEERS - LICENSED & BONDED

A Complete Auction Service

DAN NEVIUS

AU-000-679-L Ph 752-4214

Clerk - The Leibys Lunch - Yes!

NOTICE OF PUBLIC SALE

To all concerned:

Take notice that the following chattel will be sold at public auction to the highest bidder on the **3rd day of June 1985 at the place of business at ABC Groff.** Located in New Holland, Pa., at 4 o'clock in the afternoon.

(1) John Deere 4640 tractor Serial #8311

John Deere, Co. Inc., reserves the right to bid at the public auction sale. Equipment is to be sold in as is condition.

PUBLIC AUCTION

OF VALUABLE LIVESTOCK, FARM TOOLS, HOUSEHOLD GOODS AND ANTIQUES

SATURDAY, JUNE 8, 1985

At 10:00 A.M.

On the premises 6 miles East of Pine Grove toward Cressona, Sweet Arrow Lake Road to Dauberts Road, left to Auction--Follow Marty L. Acres signs.

HOUSEHOLD GOODS, ANTIQUES, COINS: 5 pc. Waterfall Bedroom Suite; 10 pc. Mahogany Dining Room Suite; Light Oak Chest Robe; 3 Section Bookcase with Leaded Glass Door; Mahogany Stain Kneehole Desk; Dr. Barr's Treatment Table with oak base; 3 Drawer Sewing Table; Coffee End Tables; 2 Half Spindle Plank Seat Chairs; 7 pc. Breakfast Set; Child's Chairs; Metal Kitchen Cabinet; Bengal 30" Gas Stove; 13 cu. ft. Refrigerator and Freezer; Unico Chest Farm Freezer; 6' Refrigerated Meat Case with Compressor.

1936 Electric Guitar and Amp.; Old Wringer Washer; G.E. Electric Counter Top Stove; Wall Oven; Floor Light; Cast Iron Fry Pans; Ice Tongs; Tin Measures; Butter Mould; Miner's Cap and Belt; Roast Pan; Market Baskets; Old Jugs; Christmas Decorations; 27 Edison Cylinder Records; Nelson Encyclopedia; German Books including 1776 Christopher Sauer Germantown Bible and Volks Bilderbibel Leigzig 1853; other Books; Post Cards; Sherbets; Silverware; Flower Shelf; OLD COINS–Silver Dollars; Halves; Quarters and I.H. Pennies.

BUTCHER EQUIPMENT: Large Size Propane Fired Ham and Turkey Smoker; 2 Butcher Kettles; Tripod; 2 Chill Tanks on casters; Butcher Forks and Ladles; Copper Ladle; Sausage Stuffer and Press; Bone Saws; Cleavers; Incinerator; Butcher Paper; Paper Bags.

PRODUCE & SALT: 8-10 Ton and good Timothy Hay; 2000 Bushels Shelled Corn; Half Ton 50 lb. Salt Blocks.

LIVESTOCK: 5 Swiss & 1 Holstein Steers ready to go – 250 lbs. on up.

VET & SHOW SUPPLIES: Rope and Show Halters; Cattle Clippers; Sheep Head; Lariat; Cattle Sling; Castrators; Dehorners; Pill Syringe; Sheep Tagger; Heat Lamps; Rubber Feed Tubs; Bull Ring.

FARM & SHOP TOOLS, ETC.; 2 S. Steel Milk Buckets; Milk Strainer; New 30" Emglo Barn Fan; S. Steel Dairy Tub; 2 Washbowls; Calf Hutch and Buckets; 10 gal. Fly Spray; Barn Fogger; 5 gal. Milker Pump Oil; Milk Cans; Bag Cart; 2 New Auto. Feed Motors; Garber Mount Seeder; Plastic Pipe Poultry Feeders and Fountains; Roll Barb Wire; 16 Chicken Crates; New Recessed Lights; Wheelbarrow; Potato Fork; Push Brooms; Alum. Scoop Shovels; Pick; Complete Trapping Gear; Wooden Pulleys; Single Trees; Hoes.

5 case Strawberry Boxes and Carriers; New Egg Baskets; Egg Boxes; Turkey Boxes for Freezer; Metal Drums; Kant Hook; Bee Nets; Lead Pots; Long Picnic Table; Lawn Bench; 36" Solid & Hollow Doors; Window Screens & Sash; Coasting Sled; Pipe Wrenches; Threaders; Axe Head; Bolts; ½" Duracraft Bench Drill Press; Good Log Chains; Endless Belt; Grease Guns; Ropes; 2 Man Saws; 2 Scales; Block Planes; Saws; Old Chisels; 2 Screw Jacks; Handyman Jack; Spouting & other items not mentioned.

Auction at 10:00 A.M. SHARP!

Auction by

MARTIN & ESTHER DAUBERT

Dial 717-345-8251

JOHN H. FRY, AUCT. AU-000306-L

717-733-3606

SENSENIG, CLERK

Lunch Available on Site

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

SAT. JUNE 15 - 10AM Public Auction of Antiques, Household Goods & Tools Located 8 mis. S. of Lancaster along Rt. 222 on Rerton Rd., or 7 mis. N. of Quarryville along Rt. 222 Terms By: Albert & Kathryn Herr. Lloyd Kreider, Randal Kline, Roy Good, Gary Shirk, Auctioneers.

SAT. JUNE 15 - 10AM Public Sale of Valuable Sawmill, Crawler, Trucks, Farm Items, Tools, Lumber. 315 Pleasant View Rd., New Cumberland, PA. From Harrisburg go S. on Rt. 83, approx. 6 mis. to exit 17. At stop sign turn R approx. 200 yds to Pleasant View Rd. Turn L. to sale or N. on Rt. 83 to exit 17. Go to bridge, turn L. Then R. onto Pleasant View Rd. Earl Hain, Jr., Owner. George Haar, Auctioneer.

TUES. JUNE 18 - 4PM Farmersville Auction in Farmersville, 3 mis. E. of Brownstown, Lanc Co., PA.

WED. JUNE 19 - 4PM Public Sale of Antiques, Tractor, Car & Hshld. Located at the square in the village of Farmersville, between Brownstown & Hinkletown, West Earl Twp., Lanc. Co PA. Terms by: W. W. Mink, T. Glenn & Timothy G. Horst, Auctioneers.

THURS. JUNE 20 - 7PM Public Auction of Real Estate & River Front Acreage. Located 2 mis. S. of Millersburg along Rt 147 next to Witmer Motors or 22 mis. N. of Harrisburg Ralph M. Dreibelbis, Jr. & Jane D. Baker, Owners David Deibler & Edwin Shoop, Auctioneers.

FRI JUNE 21 - 6 30 PM Feeder Pig & Cattle Keister's Middleburg.

PUBLIC AUCTION SERVICE

AUCTION

SAT., JUNE 8th.
10:00 A.M.
JUNE FARM EQUIPMENT CONSIGNMENT AUCTION
Need Cash? Sell The Auction Way.

Sell At Hunter's Sale Barn, Inc. With An Auction Staff With Experience And Proven Results. Phone 301-658-6400 With Your Consignments Now.

Inviting:
Lawn-Garden Equipment
Farm Machinery
Farm Tractors
Mowers
Tools, Vehicles, Etc.

We Have Requests And Buyers For Almost Anything You Have, Especially Riding Mowers And Light Tractors.

TERMS: Cash, Approved Check

Auction Held At:
Hunter's Sale Barn, Inc.
Rt. 276
Phone 301-658-6400
Rising Sun, MD 21911

Hauling Available-
Restaurant On Grounds
"Cecil County's Leading Auction Service"

SHORT NOTICE PUBLIC AUCTION

FARM EQUIPMENT, BUTCHER EQUIPMENT
THURSDAY, JUNE 13, 1985
9:00 A.M.

located along Snake Hill Road, approx. 1 mile north of Rt. 23 east of Lancaster, Pa., 2 miles west of Leola (Follow auction arrows)

M.F. 165 Diesel; M.F. 65 Diesel; N.H. 273 hay baler; N.I. 323 corn picker; N.H. Super 717 harvester; Dion forage wagon; N.I. Forage wagon (needs gear box); Gehl Hi-Throw forage blower; A.C. 600 no-till corn planter; Pequea P.T.O. hay tedder; N.I. Crimper; J.D. 12 ft. transport disk; 1 Ton Rissler feed mixer with scales; 2 hay wagons; Int. Dyno-balanced 3 pt. mower; M.F. #82 3 bottom plow; 5 tooth chisel plow; 3 hay drying fans-2,3,7½ H.P. single phase; Tractor chains 14x28; 3 pt weed sprayer; International 160 bu., manure spreader; N.H. 10 ft. fert. drill on steel; 18 K.W. Winco P.T.O. generator; Miller welder; 2 bin wagons; corn drag; 24 ft. corn elevator; 7½ H.P. single phase motor; fuel tank; 3 pt lift; 3 pt wheel rake; 3 pt cultivator; 3 pt bale mover; 3 pt scraper; J.D. horse drawn hay rake; 16 ft. Harvest Handler corn elevator; 6 in.x30 ft. auger; 6 in.x10 ft. auger; 4 in.x18 ft. auger; 5 H.P. roller mill; 10 hoe wheat drill; 8 ft. cultipacker; 2 Bearcat P.T.O. hammermills; pressure washer 7½ H.P. 3 phase; step ladders; tree cart; barrel mover; 16 ft. silo unloader; 500 & 1,000 gal. tanks; 22 ft. feed conveyor; sump pump; ¾ H.P. Meyers shallow well pump; silage; 5/4 in oak air dried lumber approx 400 bd feet; farm gates; 13-2x6x10' oak; piles of scrap iron plus more.

BUTCHER EQUIPMENT
(sold after 2:00 P.M.)

Hollymatic G.M.C. 200 lb. cap. mixer grinder; Butcher Boy B12 meat band saw; E.F. Zuber water powered sausage stuffer 100 lb. cap.; Hollymatic 200 table model patty machine; Model 150 Globe meat slicer; Berkel 300 lb. cap. dial platform scales; Bally 5 ft.x13 ft. (inside) walk-in freezer; walk-in cooler with meat rails; 100 lb. cap. sausage mixer; foot operated hand wash sink; S.S. table with poly cutting board; S.S. table with shelves; S.S. cabinet with casters; table top ¾ H.P. meat grinder; 30 lb. cap. seasoning scales; 40 freezer racks; 3 elect. chain hoists; chopping block; #52 belt driven grinder; #32 belt driven grinder; electric dehider; coal fired steam boiler; 3 S.S. steam jacketed kettles-40 gal cap.; 2 Peerless bucket a day coal stoves; iron kettles; beef skin cradle; S.S. calf skin cradle; hog singer; 20 cu. ft. Amana freezer; 30 lb. hand crank sausage rubber; 2 Needham Patty machines; 6 S.S. multiple hook meat trolleys; 21-S.S. forequarter meat trolleys; 9-S.S. hind quarter meat trolley's; 25 galvanized meat trolleys; hand meat saw; S.S. carts with trays; steak machine; knife sharpener; steels; knives; marking stamps; etc.

Terms- Cash or approved check. I.D. required-out of state checks must be certified funds with letter of credit.

Statements made day of auction take precedences over all previous advertising.

Owners
DANIEL Z. & LYDIA STOLTZFUS
717-656-7270

Ron Funk Auctions
Paradise, PA #AU-314-L
Ph. 442-4279
Gordon Ressler 687-7402
Larry Lefever 215-593-5296
Sam B. Stoltzfus 768-3568

Information on this auction phone
Sam B. Stoltzfus 717-768-3568
Food Available

REGISTERED JERSEY DISPERSAL

FRIDAY EVE., JUNE 7, 1985
7:00 P.M.

Selling at Kling's Sale Barn, Located on Rt. 74 15 miles north of Carlisle, 2½ miles northeast of Landisburg, Perry County, PA.

73 HEAD OF JERSEYS:
71 Registered and 2 Grades

Herd consists of 56 milking animals in all stages of lactation, 7 bred heifers, 9 open heifers and calves plus 1 service aged bull.

(1) One excellent, 27 very good.

Cows with records with over 13,000 lbs. of high testing milk.

Sires Represented Include: Soldier Boy, Forrest Midnight, Silver Certificate, Quick Silver Noble, Duke Generator, Black Magic, Brave Soldier, Favorite Saint, Quick Silver Magic of Ogston, EHV Mark II, A-Nine Top Brass, Sargent Plus Boss Man and a lot of Wallabee breeding. Cows and heifers carry service of a Soldier Boy son fomr an 89 pt. cow with an excellent 91 dam.

Auctioneers Note: Registration papers and applications are in order and will be given out along with animals. These cattle have been well cared for and are in a high state of production. This herd was on test and classified in 1984. Production records will be based on 84 DHIA records.

Pregnancy Checked, Catalogs day of sale, no out of state checks.

Sale by order of:
FEDERAL BANKRUPTCY COURT
Middle District, State of PA
Jan Sulcove, Trustee
Sale Managed by:

Sale By
AUCTION SERVICE KLING'S
R D 1 Landisburg PA 17040
tel (717)789 3883 • 789-3616
License No AU 000500 L

PUBLIC SALE

SATURDAY, JUNE 15, 1985
9:00 A.M.
TRACTORS, FARM EQUIPMENT, GARDEN TRACTORS MANY ANTIQUES & MODERN HOUSEHOLD FURNISHINGS

Located Midway between York Springs and Heidlersburg on Business Route #15. Then at Rock Chapel sign turn North 1 mile. Adams County, Pa.

18 TRACTORS 18

Int. 856-D-W.F.; Allis 3250-9-D-W.F.; Ford super major D-W.F.: J.D. 2120-D-W.F. w/cab; J.D. 2020-D-W.F.; Massey Ferguson 2805-D-W.F. dual wheel w/cab, air, radio & 8-track tape; Massey Ferguson 175-D-W.F.; Massey Ferguson 165-W.F. Gas; Ford 7000-D-W.F.; Ford 3000 W.F. Gas; most of tractors fully equipt and 3 pt. in nice condition on good rubber; Farmall Cub & 5 ft. rotary mower; Long 12 ft. trans disc; Case 6 ft. trans offset disc; new electric motor 1½ H.P.

GARDEN TRACTORS

Two Ford 75; Pennsylvania 12 H.P. w/snow blade; Springfield 6 H.P.; others not mentioned, all w/mower decks.

ANTIQUES & HOUSEHOLD, ETC.

30'x60' building packed w/oak & Modern furniture of many types; and Coleman writing desks & chairs; 14 tables loaded w/antique and modern china, glass, lamps & cookware; 1,000's of items to sell.

Order of Sale: Household first; Equipment 1:30 P.M.

Not Responsible For Accidents.

Terms: Cash, Traveler's, Cashier's, Personal Check w/approval, No out of state checks without proper ID credit information.

Owner,
ROY S. PIFER
Phone 717-528-4651

Clair R. Slaybaugh, Auctioneer
Phone 717-677-7479
License #856L

Lunch Stand at Sale

AGRICULTURAL EQUIPMENT AUCTION

LARGE DISPERSAL AUCTION
FARM MACHINERY, POTATO EQUIPMENT, TRUCKS, CARS, HOUSEHOLD GOODS & ANTIQUES

FRIDAY, JUNE 14, 1985
At 9:00 A.M.

Located in Winterstown Boro, just off Rt. 24. First farm along Rt. 216 West in North Hopewell Twp., R.D. 1, Felton, York Co., PA.

FARM MACHINERY

M.F. 1080 tractor, fully equipped, WFE, double hyd. couplings, 4300 hrs., good rubber; Ford 860 tractor; Oliver #525 self-propelled combine w/12 ft. hume reel; Oliver #522 2 row corn head; M.F. 4 row no-till corn planter w/gandy boxes; N.H. #68 hayliner baler; N.H. #450 7 ft. 3 pt. hook mower; Case roll-a-bar rake; J.D. #300 30 ft. elevator; 2 Smoker 30 ft. elevators; M.F. 4-16" 3 pt. hook plow; Oliver #252 14 ft. transport disc w/new discs; Oliver #5 single row corn picker; J.D. 17x7" disc grain drill; M.F. post hole digger; 2 N.I. manure spreaders #213 & 201; Farmhand PTO manure spreader; M.F. #129 10 tooth 3 pt. hook chisel plow; Brady #722 flail chopper w/wagon chute; Sauder manure loader; Ford 3 pt. cultivators; 16' spike harrow; 2 row transplanter; N.I. side rake; 2 two wheel trailers; flat bed wagon; 3 pt. hook carry-all box w/dolly wheels; Letz portable grinder mixer (as is); sm. alum. elevator; kicker hay tedder; Ford tractor wts.; 10 suit case wts.; 2-4" grain augers w/motors; etc.

TRUCKS, CARS, & HORSE TRAILER

1955 Chevy 1½ ton #6400 truck w/12 grain body, 4 sp. 2 sp. rear, 7:50x20 tires, runs good; 1966 Chevy 30 truck w/9 ft. flat bed; 1953 Ford F-100 Street Rod in exc. restored cond. w/400 auto engine & tilt front end; 1973 Chrysler Town & Country station wagon; 1967 Olds 4 dr. Cutlass, as is; tandem wheel 2 horse trailer.

POTATO EQUIPMENT

Champion 2 row potato harvester w/Wisconsin air cooled engine & all new primary & conveyor webs in fine cond.; J.D. PTO level bed 2 row potato digger; Agrotec 500 gal. 14 row sprayer w/roller pump; 24 ft. belt elevator (needs belt); 2 Boggs potato graders w/picking tables; Iron Age 2 row potato planter w/insecticide boxes; McConnell 14' bulk potato body w/unloading conveyer & grain pan on Int. heavy duty running gears; flat bed dump wagon; Sears bulk body dump wagon; 2000 lbs. platform scales; 2-500 platform scales; bag trucks; several squirrel cage fans; 10' roller conveyer' lot of 5/8 baskets; 2000 potato bags; veg. bushel crates, etc.

MISCELLANEOUS FARM ITEMS

Honda 90 dirt bike; shop heater; hyd. cylinders; 7 farrowing crates, as is; hog troughs; Niagara peach grader; old hammer mill; feed mixer; 24 pcs. of 2x12 by 25' lumber; lot of weathered barn siding; old hand cut barn timbers; forage box; feed bin; feed cart; 2 skid fuel tanks; 2-275 gal. oil fuel tanks; wood sprayer tank; crib to be removed; misc. pipe angle iron; junk machinery; misc. belting; pickup racks; plastic pipe; 6x6 ft. new wooden truck bed for street rod; new metal fence posts; 100 elec. fence posts; 50 locust posts; veg. polisher; 5 HP air compressor w/gas engine; port. electric air compressor; brand new 15.5x38 Goodyear tire; pr. of 18.4x26 tractor tires for duals; 6'x6' portable hot hoses; tables; veg. stands; ext. cords; tools of every description; tool cabinets; parts bins; blacksmith forge; I-beams; rye grass seed, etc.

HOUSEHOLD GOODS & ANTIQUES

Very unusual kettle furnace w/animal heads castings; 3 butcher kettles & 3 foot; lard press stuffer; hog hangers; butter churn; 3 pc. B.R. suite; oak chest of drawers; sewing machine; National cash register; very old cane seat & back wheel chair; misc. oak chests & buffets; tables & chairs; milk cans; hames; single & double trees; 150 cardboard cartons; lot of glassware; depression glass; few pcs. of carnival glass; Virginia Rose dishes; wm. Foust Merry Christmas & Happy New Year bottle; Ranger Joe mug; pattern glass; iron & tinware; many items not mentioned.

TERMS: Cash or approved check.

MR. & MRS. ARTHUR HILEBRAND Owners
R.D. 1 Felton, Pa.
Ph. 244-1454

Sale order: Small tools, farm machinery & potato equipment, trucks, cars, household items & antiques last.

Bob & Tom Sechrist, auctioneers
Andersons & Sechrist, clerks
Lic. #820-821

Not responsible for accidents. Refreshments by Winterstown Fire Co.

SPRUCE ROW GIGANTIC DISPERSAL

Tunkhannock, Pa. 18657
Wyoming County

Located 1 mile S. of U.S. 6 and on Rt. 309. Farm joins Sire Power and Sky Haven Airport--20 miles N. of Wilkes-Barre via 309.

SATURDAY, JUNE 1, 1985

-9:00 A.M. Sharp

160 HI GRADE HOLSTEINS
4 HARVESTORE SILOS
w/HERCULES &
GOLIATH UNLOADERS

FARM EQUIPMENT:
MISCELLANEOUS ITEMS:
=3 Clay Barn Cleaners-each 320 ft. long (used less than three years)=

See Last Week's Full Listing Ad.

SPRUCE ROW FARMS

Tunkhannock
Pa. 18657

M.L. BUNNELL & ASSOCIATES
AUCTION SERVICE
AU114L
Springville, Pa. 18844
Ph. 717-965-2375
Poulsen & Weaver-Auctioneers
AU1732L AU115L

The above equipment has nearly all been purchased in the past three years. Remember the date-Saturday, June 1, 1985-9:00 A.M. Fly or drive in and spend the day at Spruce Row.

PUBLIC SALE

My Real Estate being for sale & intending to move out of state I will sell on my premises at 865 Long Corner Road, S.E. of Mt. Airy, Howard County, Md., on:

SATURDAY, JUNE 8, 1985

Beginning at 10:00 A.M., the following:

FARM MACHINERY- M.F. #135 gas tractor w/roll bar top, 850 hours; the following 3 Pt. equipment: disc harrow, M.F. 6' rotary mower, Woods 6' bush hog, two row converted corn planter, boom. **1967 FORD** F350 Truck w/12' bed w/cattle racks, dual wheels, on owner, 44,000 miles; two wheel R.T. trailer, side delivery rake on rubber, two 2 horse wagons w/bed & orig. paint & Dec., one w/a Studebaker wagon seat; two horse & one horse bob sleds, one horse dump cart, cutter sleigh in good condition, Champion horse mower, two horse & one horse hillside plows, Sev. barshear plows, one horse corn planter, 2, 3 & 5 shovel cultivators; wood single shovel plow, 5 H.P. Snapper roto-tiller w.cultivators, rotary push mower, 10' 12' & 14' Gal. farm gates, two round metal hay feeders, Sm amount of baled hay

SMALL TOOLS- Grindstone, corn sheller, wood shingle vise, anvil, forge blower, B.S. vise, B.S. tongs, foot operated lathe, Sev. grain cradles, fan mill, hucksters scale, flail, hay fork, buggy wheel, straw knife, wood wheelbarrow, C.I. implement seat, bull blinder, ox head dress w/brass, ox yoke, ox shoe cleats, shaft chimes, horse collars, fly nets, brass knob hames & others, harness, wood planes, adz, steelyards, ice saw, broad axe, wood pulleys, log grabber, other early hand tools, screw jacks, hand operated sheep shearer, digging iron, Sev. log chains, pruner, wood barrels, single & double trees, one horse shafts, implement tongues, garden push plow, side saddle, milk cans, stone crocks, wood rakes, plow shears for barshear plows, child's wood wagon, apple peeler, fodder chopper, two sugar buckets, sausage stuffer, spring wagon seat, wood churn, C.I. ham boiler, bee hives & supers, sausage grinder, Elect. fencer, old blue jars & other old jars, firewood, locust posts, picnic table, 40' wood Ext. ladder, bicycle exersizer, some household goods & many items too numerous to mention.

TERMS- Cash on day of sale. Nothing to be removed until settled for. Not responsible for any accidents on the premises.

JESSE T. CROWDER JR.
AUSTIN BOHN, AUCTIONEER
PH 775-7607
CHAS. FUNKHOUSER, AUCTIONEER
JACOB ALTVATER, CLERK

(Lunch Rights for
Long Corner United Methodist Church)

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI JUNE 21 - 5 30PM Gap Auction. Antiques & Hshld Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Mkt , cross RR bridge Ira Stoltzfus & Son, Auctioneers

FRI JUNE 21 - 1PM Feeser's 35th Production Sale of 40 Boars, Hamps & Yorks, 60 Open Gilts, 10 Bred Gilts Franklin & Julie Feeser, Taneytown, MD 301-751-1287

SAT JUNE 22 - Public Auction of the Colonial World Class Sale '85 Located at Riverwood Farms, Powell, Ohio Sponsored by Colonial Charolais Assoc Buzz Garey, Manager

SAT JUNE 22 - 9AM Valuable Real Estate & Personal Property Equipped Hunting Camp on 108 acres Near Livonia, PA, off Rt 192, Centre Co Earl W Weaver, Auctioneer

SAT JUNE 22 - 10AM Public Auction of Farm & Butcher Eq , Tools, Straw, Trucks, Hit & Miss Gas Engine Located between Pricetown & Boyer's Junction, Berks Co , PA Travel on Pricetown Rd. to Orchard Rd to Conrad Rd Sale for the Late Arthur S Cronrath Dennis F Wagner, Auct Brian R Folk, App Auct

SAT JUNE 22 - 9:30AM Public Auction of Farm Eq. & Tools, Antiques & Collectibles, Hshld Located between Leck Kill & Pitman along the Schwaben Creek Rd., 2 mis W of Rt 125 Estate of Edna M Baum Mike & George Deibert, Auctioneers

SAT. JUNE 22 - 9AM By Robert & Martha Homer Farm Eq & Dairy Cattle 4 mis NE of Bernville Paul E Martin & John D Stauffer, Auctioneers

SAT JUNE 22 - 10AM Public Sale of Real Estate, Antiques, Coins Located along Line Rd , Stevens, West Cocalico Twp , PA Terms by Christian S Martin T Glenn & Timothy G Horst, Auctioneers

SAT JUNE 22 - 9.30AM Bell of PA, Camp Hill, PA Line Eq , Trucks, Vehicles Vilsmeier Auction Co , Inc

MON. JUNE 24 - 4PM Farmersville Auction in Farmersville, 3 mis E of Brownstown, Lanc Co , PA

MON JUNE 24 - 9AM Valuable Real Estate, Beautifully Situated 5 acre Farmette, Antiques, Hshld. Located along Rt 94, North Main St , in Borough of York Springs Adams Co , PA House #423 Alice M Lory Estate Clair R Slaybaugh, Auctioneer

TUES. JUNE 25 - 9AM Vehicles & Elec Eq Henkel's & McCoy, Philadelphia, PA Vilsmeier Auction Co, Inc., Auctioneers

TUES. JUNE 25 - 11AM Public Auction of Fairfield Farms Dispersal of 35 Head Holsteins, Dairy Equipment and Some Machinery Located in Huntingdon Co., 6 mis E of Petersburg, PA, turn S. off Rt. 305 at the village of Cottage, 1 mile to farm John W Swigart, Owner Mark Glick & Dale Gibboney, Auctioneer

WED. JUNE 26 - 10 AM Tractors & Vehicles For Arlington Co , Arlington, VA Vilsmeier Auction Co , Inc , Auctioneers

THURS JUNE 27 - 7PM 26+ Acre Farm Location ½ mi. S. of Rt 1 ByPass on Rt 41, Lake Rd & LR 131, Avondale, PA London Grove Twp., Chester Co By Order Of Robert L & Sara E Thompson Harry W Whiteside & Associates, Auctioneers.

PUBLIC AUCTION

ANTIQUES, HOUSEHOLD GOODS & TOOLS

SATURDAY, JUNE 15, 1985

10:00 A.M.

Located 8 Miles South of Lancaster along Rt. 222 on Refton Rd. or 7 Miles North of Quarryville along Rt. 222.

Lots of good antiques, tools of all kinds and numerous household items. No out of state checks.

Terms by

ALBERT AND KATHRYN HERR

Auctioneers:
Lloyd Kreider, AU000513L
Randal Kline, Roy Good,
Gary Shirk

LARGE BENEFIT AUCTION FOR NEW COVENANT CHRISTIAN SCHOOL

PUBLIC AUCTION

SATURDAY, JUNE 8, 1985

9:30 A.M.

Auction to be held at Lebanon Area Fairgrounds, South East of Lebanon off Route 72, at Corner of Cornwall and Rocherty Roads.

QUILTS - 3 D PAINTING - HOUSEHOLD GOODS - TOOLS HANDCRAFTED ITEMS - HARDWARE

50'x22'-3 Dimensional Handcrafted Painting by Zooks Art Studio Winter Covered Bridge Scene

QUILTS AND HANDMADE ITEMS - Quilt patterns include Log Cabin Star, Appliqued Lancaster County Rose, Water Lily extra long and finely stitched, old fashion Patchwork, Lone Star, Pinwheel, Trip Around the World, 2 Dahlia quilts, Dresden plate, other bedspread items include baby quilts, comforters, afghans, appliqued skirt, appliqued quilted wall hanging, homemade dolls. Call for descriptive brochure of quilts 717-866-6804 or 717-949-3547. Quilts will be sold at 12:30.

FOOD ITEMS - 300 dozen eggs, bologna, groceries, meat, meal certificate for Penn's Pantry, and produce.

FURNITURE AND MISCELLANEOUS HOUSEHOLD, CRAFTS - Piano stool, carpet and linoleum, encyclopedia Brittanica includes book shelf, dictionary and 8 year books. Twenty five (25) needle kits, laundry soap, three (3) IRA tote bags from L.V.N.B., accounting certificates, $50.00 savings bond, plants, thermal sweat shirt, shampoo, lotion, two (2) cases of cleaner, certificate for a nights lodging in the Red Rose suite of the Mill Street Motor Lodge, certificate for weekend at a cabin, patch kit doll, handcraft items, a framed Norman Rockwell counted cross stitch Young Love Summer, Campbell's Soup Kids dolls, flowers, shoe cleaning kits, wood stove.

FARM RELATED ITEMS - Corn sheller, bag of seed alfalfa, 10 ton load of stone, 14" Stihl chain saw, 5 gallon engine oil, 55 gallon barrels, fertilizer, animal medicine, oil change certificates, auto supplies, bags of mulch, water hose and nozzle, dog food. Bull semen: 3 units of Eng-Amer Lancelot a Son of Valiant, 2 units of Starfire, 20 units of Klinedell Dynamo Dynamite, dams records 5-6 305 days 26,340 3.8% 999 fat. Farm toys, kerosene heater, firewood, baler twine, a stove which burns wood, coal or gas.

MANY MORE ITEMS TOO NUMEROUS TO MENTION.

Pony Rides for the children 10 am to 2 pm. Plenty of Good Food Available All Day. Baked Potatoes with toppings & Featuring Salad Bar - Fresh Strawberry Pies (weather permitting)

CHICKEN BAR-B-QUE - 11 am to 2 pm
SALE HELD INDOORS - BRING CHAIRS

Auctioneers
Harry H Bachman
717-867-1809
Nelson L Ebersole
717-867-5221
Jay Whitman
717-665-5735

Donations Still Being Accepted
Call
Alvin Weaver 865-4549
Donald Diem 866-6494
Martin Weaver
866-6804
Mary Heagy 273-2910

TERMS BY: N.C.C.S. Sale Committee
SALE TIMES: Quilt - 12:30; Painting - 1:00

AUCTIONS

JUNE 1ST-OAK LEIGH FARM, Powhatan, Va , Donald Sanders, Owner, Dispersal of Holstein Herd & Farm Equipment, 83 Cows and Heifers (32 Registered) Averaging 47 lbs per day Really Dairy with Excellent Udders! Also Selling 29 Heifers, Just Fresh or Springing, from the Pampatike Herd in Manquin Equipment sells at Noon including 5 Tractors, Skid Loader, Self-Unloading Forage Box, Du-Al 5000 Hyd Dump Wagon, IHC 241 Round Baler, 1980 Ford F250 4-wheel drive Pickup, Gooseneck Utility 26' Trailer, Bumper Livestock Trailer, IHC 650 Forage Harvester w/2-row corn head and direct cut head attachments, Port Grinder-Mixer, Front End Loader, Scraper Blade, Hay Baler, Sod Planter, Liquid Manure Spreader, Haybine, Plows, Disc Harrows, Cultimulcher, Grain Drill, Hay Rakes, Ensilage Blower, 8T Feed Bin

JUNE 6TH-DANIEL BROS. FARM, 5 00 p.m (Kenneth Daniels) Sutherlin, Va (Near Danville) Dairy Dispersal-106 Holstein Cows & Heifers Selling 60 Cows, Averaging 40 lbs per day with 15 due by June 15th and 20 due before July 15th 46 Heifers-10 Springers. Remainder Breeding Age and Younger. Using Select Sires, ABS, and Home Bull by Trailblazer out of 27,000m dam (Home Bull Sells)

Equipment Sells First Ford 8000 Tractor J D 544 Wheel Loader, N H 770 Forage Harvester, Int 241 Round Baler, N H 479 Haybine, Int. 480 Disc, 1969 Int Farm Dump Truck, Zero 5 h.p Vac Pump and 4" Irrigation Pump.

8500 ACRES
COMPLETE LIQUIDATION
OF ALL REAL ESTATE HOLDINGS OF
R.E. HOLLAND, INC.
Central/Eastern Virginia
REGIONAL AUCTIONS
FROM JUNE thru SEPT. 1985
8500 ACRES-90 Different Tracts of Land
Including-Prime Timber
Both Pine and Hardwood Pulpwood
Planted Timberlands-Cutover Tracts
Property with Residential, Commercial & Industrial Potential

This Corporate Liquidation means that every acre sells to the highest bidder, offering unusual opportunities to timber buyers, investors, hunters, home builders, and commercial developers.

FIRST SALE-JUNE 22nd-10:30 A.M.
1515 ACRES 15 TRACTS
ALL PARCELS LOCATED NORTH OF U.S. 360
IN KING & QUEEN AND ESSEX COUNTIES
All Selling from the Holland Mill Site on U.S. Rt. 360, Just West of Millers Tavern (31 Miles East of Richmond)
Tracts Vary From 5 Acre Wooded Building Lots to 225 Acre Timberland Parcels Including Some Prime Sawtimber

TERMS: 10% Deposit required on date of sale, with the balance in cash at closings within 60 days of each sale date.

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JUNE 29TH-HOLLY HILL FARM IN CAROLINE COUNTY. The 905 Acre Estate is ideally located for gracious country living, yet readily accessible to Washington, Richmond and Fredericksburg Will be offered in 4 Separate Tracts, combinations thereof and as a whole

FOR DETAILED BROCHURE CONTACT

804-644-LAND
OWNBY AUCTION & REALTY CO. INC.
BROOK ROAD RICHMOND VIRGINIA

ABSOLUTE
PUBLIC AUCTION
TWO DAYS

Truck Parts & Access
Truck Maint Tools
Garage Equip
Storage Trailers
Van Bodies
1000s of Related Items (New & Used)

FRI., JUN 7, 10 AM
SAT., JUN 8, 10 AM
FORMER
MANDATA POULTRY CO
RTE 225, HERNDON, PA.
(45 Miles North of Harrisburg PA & 14 Miles South Of Sunbury PA)
TERMS Cash Approved Ck
INSPECT 2 Hrs Prior To Sale
REMOVAL DAY OF SALE BY APPOINTMENT
HIRE THE COMMERCIAL AUCT RS CALL FOR DETAILS

COL. STEVE SITAR & CO
P O BOX 581
SCRANTON PA
717 586-1397
LIC #A2124 L

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

THURS. JUNE 27 - 9:30 AM Line Eq. & Trucks For All Electric, Beaumont, TX Vilsmeier Auction Co., Inc., Auctioneers

THURS. JUNE 27 - 6 30PM Public Auction of 6 acre Farmette. Located along South Fort Zellers Road near Newmanstown, Leb Co Conditions by. Selvan A. & Lydia K Yoder G Harvey Weik, Auct

SAT JUNE 29 - 9AM Located Mifflin Co., 5 mls E of Burnham, PA, on the Belltown Rd. Farm Mach., Some Hshld. & Antiques. Mrs. McClintic (Tink) Artkin, Owner Mark Glick, Auctioneer.

SAT JUNE 29 - Holly Hill Farm in Caroline Co. 905 acre Estate Ownby Auction Co., Inc., Auctioneers

SAT [illegible] 9AM Equip & Vehicles For: New Jersey Bell, Pennsauken, NJ. Vilsmeier Auction Co., Inc.

SAT. JUNE 29 - 9:30 AM Public Sale of Valuable Steam Engine, Gas Engines, Antiques, Primitive & Antique Hand Tools, Silver Dollars & Guns. DIRECTIONS Coming on PA Turnpike, get off at Gettysburg Pike Interchange, go S. on US Rt. 15 to Bowmansdale & Rt 114 Exit, go through Bowmansdale, cross creek, 2nd driveway to left Ken A. Bushey, Owner. Little IKE Eichelberger Professional Auctioneer.

FRI. JUNE 28 - 12 Noon Dairy Sale Penns Valley Livestock Auction, Centre Hall, PA. Scott L. Yocum 814-466-3150. Ron Gilligan, Auctioneer.

FRI JUNE 28 - 5:30PM Gap Auction. Antiques & Hshld. Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Auctioneers.

SAT. JUNE 29 - 12 Noon Red Carpet Reg. Horse Sale-Cambria Co Fair Grounds, Ebensburg, PA. Red Carpet Horse Sale.

SAT. JUNE 29 - 11 AM Horse Sale. Keister's Middleburg.

SAT. JUNE 29 - 9AM Public Auction of Farm Real Estate, Farm Mach., Antiques, Hshld., Mountainland, Tools, Guns. Located Bullfrog Rd., RD1, Grantville, PA, East Hanover Twp., Lebanon Co. Go 1 mi. W. of The Gap. I.G.M.R. or Edward Martin Military Reservation on Rt. 443 turn left onto Bullfrog Rd. 1st farm right. John Pankake Estate. Ebersole & Shoop, Auctioneers.

SAT. JUNE 29 - 8:30AM Real Estate, Farm Mach., Tools, Antiques,& Hsld. Located approx. 12 mis. S. of Red Lion, PA. About 1½ mis. off Rt. 74, turning at Goodyear's Store, along the Goram Rd in Chanceford Twp. For Martin Clarkson, Brogue, York Co., PA. Bob & Tom Sechrist, Auctioneers.

PUBLIC AUCTION

SATURDAY, JUNE 8, 1985

10:00 A.M.

Farm Eq., Antiques, Household Contents & Guns

St. Peters, ½ mi. N. of Harmonyville Rd., Chester Co. (West of Rt. 100 thru Village of Harmonyville, Watch For Signs).

Special Note: Rare 45 Colt revolver w/stage coach engraving, 238 automatic, both have matching serial numbers, 8MM Mauser rifle

Farm Equipment will consist of a good 1949 Ford tractor w/power takeoff all necessary equipment MH tractor loads of other farm machinery Fine selection of furniture including some collectibles and antiques Plan to be there the full day

Lunch Available

TERMS. Cash or check approved before sale date

Arthur J. Hurth & Wife had sold their farm and this will be a complete sale.

R.H. Thompson, Auct., AU000944-L
215-323-7870
215-367-6907

George Cummerer, Associate Auct. AU001687-L
Gail Grimley, App. Auctioneer AA001497-L

PUBLIC SALE

HOUSEHOLD GOODS-ANTIQUES-DOLLS-DISHES-GARDEN TOOLS-GUNS

Mostly Everything In This House Is ANTIQUES AND COLLECTIBLES

SATURDAY, JUNE 8, 1985

9:30 A.M.

Located in Lancaster Co., PA, on Diller Avenue in New Holland. From Rt. 23 go south on Diller Ave. across railroad tracks, first farm left.

SALE CONSISTS OF

3 piece oak bedroom suite, pieces sell seperate; double bed wash stand; dresser w/mirror; 3 piece solid wood bedroom suite sells as a unit; both suites have spring and mattress; 2 oak double beds, box spring & mattress; 3 oak dressers; 3 oak rockers; 3 rope beds; 3 oak wash stands; 4 blanket chests, grained dove tail; grained two compartment wood chest; blind cupboard; 2 kettle benches; old cupboard; dry sink; jelly cupboard; grained flour chest; oak extension table w/boards; little iron dash stove purchased at Showalter store N.H. in the early 1900's; oak library table w/drawer; oak sideboard; jelly shelf; wooden chest; wooden slop bucket 1898 mint condition; wooden butter tub; old silver tea kettle; copper bottom, A1 condition; 2 **Demuth snuff crocks** w/lids; Gibson freezer, 8 cu. ft.; glass butter churn; writing desk; kitchen coal & wood range; kitchen mantle clock; Dearborn gas space heater; sofa bed; recliner; 6 matching plank bottom chairs; 6 plank bottom spindle chairs; metal wardrobe; wooden high chair; 3 wooden clothes trees; 3 ft. slaw cutter w/dove tail head box, unusual; 3 iron mush kettles; light stands; 3 small tables; benches; wash boiler; 2 - 6 piece bath sets, pitcher-bowl-etc., nice; oak granny rocker; 6 cane bottom matching chairs; **old quilt 1800's**; 3 wooden light stands, oak-walnut; apple butter stirs; copper kettle; dough box w/table top; dove tail boxes; rag carpets; woolen blankets; old buggy duster; cherry seeder; wicker baskets; 2 piece bath set; kerosene lights and lanterns; **dolls-1 medium size w/No. 5 china head** and crib sells as a unit; 3 small dolls, 1 china head; wicker doll coach; doll crib; Oberholtzer family book; few old books; wash basket; old postcards and albums; old picture frames and mirrors; wooden cot; 2 porch rockers; lots of tin and agitware; earthen pie plates; ticking; iron pots and skillets; all kinds of crocks; 3-5 gallon crocks; 1 crock w/blue feathers and lid; tea set; old waffle irons; old jugs; 2 perfection stoves; old books; metal toys; old mantle gas lantern; vacuum cleaner; Siegler kerosene space heater; set of Bavarian dishes; cut glass; pewter tea spoons; Caloric gas stove; Humpty Dumpty egg crate; egg scales; pea scales; hardware scales; agit pans; 2 wringer washers; sump pump, like new; 1 piece rolling pins; a lot of aluminum cookware; cookie cutters; milk strainers; drop leaf table; hand wood auger; 2 porch gliders; express wagon; wheelbarrow; 2 apple pickers; bench vise; Merry roto-tiller; hedge trimmer; Cooper Klipper reel power mower; tree trimmer; weed eater; extension ladder; dishes; miscellaneous items. 1968 Ramble 4 door sedan A1 condition.

Out of state buyers.
Cash or Bank letter

Owner:
MRS. ALLEN HOOVER

Auctioneer:
Steve
Steve Jr. Petersheim:
717-786-4624
Lic. #AU-001349-L

Auctioneer's Note: Dealers, Home Owners this is an opportunity to purchase antiques in nice condition.

Lunch by
Kinzer Mennonite Youth Group

PUBLIC AUCTION

POWER TOOLS; NEW FORD 3610 TRACTOR; WHEEL HORSE LAWN TRACTOR

SATURDAY, JUNE 8, 1985

at 10:00 A.M.

Located along Rt. 29 just South of Emmaus near Becks Farm Equip.

TRACTORS & TOOLS

Ford 3610 Diesel tractor only 76 hours, like new; Ford 101 2 btm. 3 pt. 16" trip plow; 6' 3 pt. rear blade; 3 pt. 7' disc.; Woods 5' 3 pt. rotary cutter; VANN GUARD hyd. log splitter w/gas eng.; Speedaire 2 stage 2 cyl. commercial air comp w/5 hp motor; Dayton 3000 watt 8 hp elec. generator; Kalamazoo metal cutting bandsaw; new Centrifugal pump w/5 hp gas eng.; Walker Turner 14" band saw; Walker Turner floor model drill press; Oxy acetylene outfit; Dayton 1 ton & ½ ton elec. chain hoists; Black Hawk 2 ton hyd. floor jack; ½" elec. drill; King elec. engine analyzer; 2 whl. utility trlr; sand blaster; Wheel Horse C-175 twin auto. lawn tractor w/mower deck, snow blade, rototiller, only 1 yr. old ex. cond.; gas & elec. weed wackers; Ariens rototiller; mulcher; rotary mower; Bell K50 chain saw sharpener; jig saw; circ. saw; Dayton propane heater; Reddy kero heater; rubber tire whl. barrow; lot C-clamps; bench grinder; work bench; swivel vise; 100 amp. batt. charger; B&D angle grinder; Dayton power stud driver; lot nails & asstd. hardware; lot asstd. gardening & hand tools; Starcraft 12' alu. boat; lot fishing tackle.

BUTCHER TOOLS: Custom made hyd. stainless steel sausage stuffer; butcher kettle w/gas burner; commercial hand slicer; computing scale; Enterprise sausage stuffer; meat grinder.

TERMS- Cash or check, sale day.
Refreshments Available.

Ordered by ROVENA HOANZL
Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. license #AU-001809-L

ABSOLUTE AUCTION

COMPLETE LIQUIDATION OF TRAFFIC CONTROL SYSTEMS

SATURDAY, JUNE 8, 1985

AT 9:00 A.M.

Electrical & Plumbing Supplies

Located East of Carlisle, from Route 11 near I-81 intersection take South Middlesex Road to Claremont Road to Auction site. Follow signs day of Auction.

NEW INVENTORY 1,000's Pcs.

Pipe Fittings Galvanized & Black Iron, Valves 1" to 3", Brass Fittings, Copper Fittings, PVC Pipe & Fittings, Copper Tubing, Toilet Seats, Cast Fittings, Galvanized Pipe, Wall Caps, Vents, Lavatories, Copper Pipe Hangers, Iron Pipe Hangers, Test Balls, Pressure Gauges, Duct Work, Drains, Baseboard heaters, Electric Meters, Flourescent Lights, Street Lights, Street Light Globes, Traffic Signal Wire, 14-5 Standard Wire, Figure 8 Cable, Cable, Panel Boxes, Exit Lights, Safety Switches, Oil Fired Space Heater, Fuel Oil Pumps, Conduit, Line Material, high Bay Mercury Lights, Filters & Dryers for Air Conditioning, Floor Registers, Oil Filters, Thermostats, Electric Motors, 500 Pcs. Heavy Duty Metal Shelving, Overhead Garage Door, Parts Cabinet, Battery Charger, Metal Desk, Typewriter Stands, Other Items.

EQUIPMENT VEHICLES SIGNS

Bemis Traffic Directional Arrow on Trailer w/Gas Generator, Highway Signs - Detour, Slow, Stop, School Zone, Road Construction, Sign Brackets, Omsted Ditch Witch, 1976 Ford Cube Van 32,000 Original Miles Auto, 1978 Ford Econo Van 350 3 sp, 1968 Ford Utility Truck 3 sp, 1977 Ford Super Cab P/Up Auto, 1977 Ford P/Up 3 sp, 1974 Chevy C10 P/Up 3 sp, 1975 Honda Civic 4sp, 1974 Dodge Colt Auto, 2 Storage Metro Vans.

Auction For
TRAFFIC CONTROL SYSTEMS
John Mumma, President
AU 1367

KERRY PAE AUCTIONEERS
4613 NORTH FRONT STREET
HARRISBURG, PA 17110
(717) 236-3752

PUBLIC BANKRUPTCY AUCTION

VALUABLE AGRICULTURAL REAL ESTATE, 138 ACRES

MONDAY, JUNE 10th, 1985

11:00 A.M.

LOCATED APP. 8 MILES NORTH OF SOMERSET PENNA.

Take Rt. 985 North to Gray, make a right turn at Magazzu's Restaurant just midway between Sipesville and Jennersville, after right turn take first gravel road right to farm. Just off Leg. Rt. 55082.

Farm will be offered on the premises free and clear of all liens and encumberances, and is located in Jenner Twp. Somerset Co. Pa. Contains 138 acres M/L gentle to medium rolling farm and woodland, farmland is contoured, app. 21 acres is woodland. 45'x90' bank barn, nice four bedroom farm house, fully modern kitchen, bath, living room, dining room, also to rear of farm house a two story log house formerly used as a tenant house. Just right if you love country living.

Auction by order of
BARRY A. SOLODKY ESQ.
Trustee in Bankruptcy (717)397-9367
in RE: Susan Plovish
case# 85-01137T

E.M. Murry Associates
10 S. Broad St.
Lititz, PA 17543
Elmer Murry 626 5244 626 2636
Richard Murry 626 8175 949 2280
Ken Miller 665 2073
Professional Auctioneers
Appraisers and Advisors
Since 1953
AU-00648-L

PUBLIC AUCTION

TRACTORS-FARM MACHINERY

THURS., EVE. JUNE 6, 1985

6:00 P.M.

Directions: At Zinn's Dinner in Thorndale, Chester County, Pennsylvania, turn south under the railroad bridge off of Route 30. Turn right on South Bailey Road onto Stouff Road. Cross West Chester Road on Romansville Road to Chestnut Lane, then right to the farm.

Farm Machinery and personal property consisting of: J.D. 3010 Diesel Row Crop 3. Point Hook Up., J.D. 420 w/3 Point Fork Lift, J.D. No. 10 Side Mounted Mower, J.D. 3 Bottom 3 Point Plow, J.D. 709 Transport Pull Type Rotary Mower, J.D. 10 ft. Cultipacker, J.D. 8 ft. Snow Plow, J.D. 10 ft. Fertilizer Spreader, J.D. 3 Point 2 Row Corn Planter w/attachments, J.D. KBA-10 ft. Transport Disc., N.H. Wagon, Bin Wagon, Oliver No. 64-13 Disc Grain Drill, 32 ft. Little Giant Elevator, J.D. 9 ft. Harrow, New Idea 323 1 Row Corn Picker, New Holland Model 67 PTO Bailer, Int. Roter Bar Rake, Danuser 12 in. 3 Point Post Hole Digger, John Deere 2 Row Cultivator, Howard Model 300 Rotavator, 2 Wheel Cart, Small Hog Feeders, Water Trough, Tractor Mounted Wood Saw, PTO Grass Seeder, Fisher Wood Stove, Cord of Wood, Self Propelled Lacke 30" Real Mower, Pride Hog Waters, Syracuse No. 20 Walking Plow, Campbell Portable Air Compressor, Fence Post & Wire, Hinges, Post & Rails, 6 Portable Hog Houses, 3 Bee Hives & Bees, 2x6 ft. Silo Staves, Hand Tools, 2 Ton of Straw.

Terms: C-A-S-H or Approved Check

Auction By Order Of:
H.B. WETHERILL

WHITFORD SALES COMPANY

L. Robert Frame, Sr. & Sons, Auctioneers

P O Box 100
Uwchland, Pennsylvania 19480
(215)458-5060 (Evenings)

113 W Chestnut St
West Chester, Pennsylvania 19380
(215)692-0220

Vintage Sales Stables Inc
Paradise, Pennsylvania 17562
(717)442-4181

Eastern Pennsylvania s FOREMOST Auction Company

POTATO AND GENERAL FARM EQUIPMENT AUCTION

MONDAY JUNE 10, 1985 10:00 A.M.

GABRIELS, (FRANKLIN CO.) NEW YORK

"ADIRONDACK MOUNTAIN REGION"

Sale to be held at the farm located along Rte 192, 4 miles south of the intersection of Rtes 30-192 at the Village of Paul Smith, 6 miles north of Rte 3 at the Village of Saranac Lake, 3 miles north of the intersection of Rtes 86-192 (Sale is 120 miles east of I-81 at Watertown or 45 miles west of I-87 at Plattsburgh Via east-west Rte. 3.)

Having purchased the total farming operation of their neighbor, long time seed potato grower Dave Young, Leavitt Farms, Inc will in turn liquidate at absolute public auction this entire line of machinery, plus machinery no longer required in their own operation in view of future expansion to larger capacity lines A well kept line-up selling!

TRACTORS:

J.D 4430, quad range, Sound Guard air and heated cab, 3400 hrs., 18 4-38 rubber, J D 4430, quad range, Sound Guard cab with heater, 3800 hrs., 15 5-38 rubber; I H. 100 hydro, factory air and heated cab, 3400 hrs , 13.6-38 rubber, J D 4010 diesel, 18 4-34 rubber; older Cat D-8 with blade (excellent motor but needs clutch work), older Cat. R-4 gas, with blade and winch,

SPECIAL:

1979 MACK SUPER LINER, 300 plus engine, 14 speed spicer SST 12143A trans., 38000 Mack rears, 3 65 ratio, New Way air ride suspension, 12000 front, power steering, 200 in wheel base, custom cab with 36 in. sleeper, air and heat, air slide 5th wheel, 11R-22 5 Dayton wheels and Bridgestone rubber, low mileage, one owner vehicle!
1978 COACHMAN CADET 19.6 ft travel trailer, tandem axle, kitchen and bath with shower, sleeps 8
1973 HOLIDAY VACATIONER 21 ft travel trailer, tandem axle, kitchen and bath with shower, sleeps 7

SPECIALIZED POTATO AND WAREHOUSE EQUIPMENT:

1976 Lockwood 4-row planter, central lube system, dry fertilizer hoppers, granular applicators; 1981 Thomas 630 conventional harvester, hydrostatic drive, 3 sp. transmission, split bed, steerable axle, hydraulic agitator, stone box, etc ; 1976 Thomas 620 conventional harvester, 3 sp. transmission, split bed, steerable axle, hydraulic shaker, stone box, etc ; 1969 Thomas 610 conventional harvester, 3 sp transmission, straight bed, steerable axle, stone box, etc ; Deluxe Haines all hydraulic bin piler with 42 ft telescoping boom, power drive wheels, mertec applicator, etc ; Haines conventional bin piler with 28 ft. boom; Haines 8 x 9 ft. box dumping receiver hopper, for bin piler; Haines 18 ft. bulk body with grain pan, Haines 16 ft bulk body with grain pan; McConnell 21 ft bulk body with grain pan; McConnell 14 ft bulk body with grain pan, 15 ft plywood lined bulk body on dual wheel trailer; Haines swivel bulk seed unloading unit; Haines 4-row tube type fertilizer planter tiller; Haines tube type fertilizer unloading unit for bulk body, complete with gas engine; Diltz Wetzel spool type seed cutter; Haines auger type dry applicator seed treater; Haines 26" roller picking table, with 3 station side bagging elevator, Haines 26" screen sizer with side elevator; Haines 26" brusher; 2 Haines 26" washers; Haines 26" sizer with 3 station spools; Haines 18" chain type sizer, 2 Haines single bagging units; Fischbein model D hand sewing machine with suspension unit, platform scales; App. 500 new cardboard 1-way 1400 lb. pallet boxes; Haines 360° turn head unit for fork truck, Haines hydraulic barrel clamp unit for fork truck; Haines 6 ft. produce bucket for fork truck; Clark ST-40 electric hand pallet stacker with 9 ft. lift; Crown 4500 lb hand pallet mover;

TRUCKS:

1974 G.M.C. 6500 series, cab and chassis, 379 V-6 engine, 5 sp. trans., 2 sp axle, 2 sp. aux trans.; 1968 Chevy C-60 series, cab and chassis, power steering, 366 V-8 engine, 5 sp. trans., 2 sp axle, 3 sp. aux. trans.; 1965 I.H. 190 cab over, cab and chassis, twin screw 10-wheeler, 549 V-8 engine, 5 sp. trans., 3 sp. aux. trans.; 1956 I.H R-200, cab and chassis, 460 6-cyl. engine, 5 sp. trans., slow speed rear;

GENERAL EQUIPMENT AND IMPLEMENTS:

J.D. 16 ft. 3 beater self-unloading forage wagon with roof on 12 T. tandem gear, Lamco 16 ft. 3 beater self-unloading forage wagon with roof on 12 T. tandem gear; Kasten 16 ft. 3 beater self-unloading wagon with roof on single gear; Levco model TM-2000 3 pt., 1000 r.p.m. tree stump grinder; J.D 220 17' 6" folding transport disk; J.D. 1600 3 pt 14 tooth chisel plow, J D. killifer type 10 ft. disk, J.D AW 12 ft transport disk; McKee 3 pt. 7 ft. twin auger snow blower; 9 ft. Graham plow; J.D F-845 3-16 roll over plow with coulters; Case 3-14 3 pt. plow; 4-bottom hydraulic lift rolling disk plow; 3 sets of J.D. 2-row cultivators; J.D. 3 pt. 2-row tool bar hiller; A6 TECH 3 pt 100 gal. tank air blast sprayer; boom type weed sprayer with 160 gal. poly tank; 2 Holland 2-row transplanters; J.D 1550 power till seeder; Oliver 17-7 disk grain drill with fert. and grass seeder; Real Sharp J.D. 30 pull type combine with gas engine, bin and scour clean, A C 66 combine with bin and scour clean; 2 dual wheel dumping farm trailers; 4 and 6 in. augers; set of J.D plate type front weights and brackets for 4020 style tractors; set of 15 5-38 snap on duals; set of 18.4-38 bolt on duals; plus parts and other small items of interest!
J.D. 235 3-section hydraulic folding disk harrow, 19ft. 11in. width with stone protector springs, 4 years old!

SALE MANAGER'S NOTE: A good clean line of machinery selling in this sale! Your prior inspection or inquiries invited! While on business attending the sale, you may wish to spend a couple extra days of relaxation, sightseeing and visiting area growers We find it a most enjoyable area! Just prior to summer vacation's busy season! See you there!

TERMS: Cash or good check day of auction! Proper identification required! U S funds only! Nothing to be removed until settled for! For immediate removal privilege, persons unknown to auction company should bring current letter of credit guaranteeing funds to Pirrung Auctioneers, Inc , or make prior arrangements with Pirrung Auctioneers, Inc

SALE HEADQUARTERS: Hotel Saranac of Paul Smith's College 101 Main Street, Saranac Lake, NY, phone 518-891-2200 Clean rooms, pleasing atmosphere, excellent restaurant and lounge. When making reservations, mention the auction

AIR ACCOMMODATIONS: Adirondack Airport at Lake Clear, 5 miles from sale site Hertz rent-a-car available there or any plane will be met by contacting auction co with E T A This airport was expanded and updated for the Olympics and is served commercially exclusively by Brockway Airlines with two daily flights with connections from Boston, New York's LaGuardia, or Albany Toll free number for Brockway Air is 1-800-451-3432 Private craft can contact Adirondack Airport at 518-891-4600 or 891-5551

Trucking available on 43 ft flatbed trailer or 38 ft lowboy to any destination on a per loaded mile basis

For info. contact the owners or auctioneers!
Leavitt Farms, Inc., Gabriels, New York **Art 518-891-0300 evenings** **Bob 518-891-4187 evenings**

Auction conducted by

PIRRUNG AUCTIONEERS, INC.

Box 365, Wayland, New York 14572
716-728-2520.

***SPECIAL NOTE:* Mark this date on your calendar. This will be the only AD. regarding this important sale.**

Pirrung Auctioneers, Inc. are specialists in the sale of potato farm machinery and are willing to travel anywhere!

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JULY

FRI JULY 12 - 7 PM Horse Sale New Holland Sales Stables, Inc , Auctioneers.

FRI JULY 12 - 1 30 PM Public Auction of PA State Graded Feeder Pigs Carlisle Livestock Market Inc. Exit 12 off I-81 717-249-4511.

SAT JULY 13 - 12 Noon Valuable Woodland, Farmland, Residence & Lg. Recreational Bldg. Location: Tuscarora Mountain, Tell Twp., Huntingdon Co., PA From PA Turnpike at Willow Hill Exit 14 go N. on Rt. 75 to Rt. 641. Go left on Rt. 641 to Rt. 35 and turn right on Rt. 35 to Auction Signs. Sale by: Wade & Leona Cisney. Sanford G. Leaman, CAI Auctioneer

SAT. JULY 13 - Equip. & Vehicles. For Bell of Pennsylvania, Youngwood, PA. Vilsmeier Auction Co , Inc

TUES JULY 16 - For Alstate-Schuylkill Co , Summit Station, PA Selling Asphalt Plant & Paving Eq Vilsmeier Auction Co , Inc , Auctioneers.

FRI JULY 19 - 5.30PM Gap Auction. Antiques & Hshld. Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge Ira Stoltzfus & Son, Auctioneers.

FRI JULY 19 - 6:30 PM Feeder Pigs & Feeder Cattle Keister's Middleburg.

GOOD'S AUCTION

111 N. Maple Ave. Leola, Pa.
Hay and Straw Sales Every Wed.
At 12:00 Noon
Farm Machinery Sales
1st and 3rd Wednesday of each month February thru October Starting at 9:00 A.M.
All kinds of building material at 11:30 A.M.
All small items must be sold off trucks. No household goods.

GOOD'S AUCTION
111 N. Maple Ave.
Leola, Pa. 17540
Business Hours: 7:30 to 5:30,
Closed Sat. & Sun.

GAP AUCTION

FRIDAY EVE., JUNE 7
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

IRA STOLTZFUS & SONS, Auctioneers
442-4936 or 442-8254
AU000907-L
CONDUCTORS ALL TYPES PUBLIC SALES

OUTSTANDING ESTATE AUCTION

SATURDAY, JUNE 8th, 1985 10:00 a.m.

LOCATION: **Grove Road, Elverson, Pennsylvania**
(Approximately ¼ mile off Route 23, between the village of Elverson and Route 100)
★ WATCH FOR SIGNS! ★

FINE FURNISHINGS-ANTIQUES-GUNS & SPORTING EQUIP. FARM EQUIPMENT-TOOLS-TACK

We will sell the entire contents coming out of the fine home of Mr and Mrs Charles Berry, most of which is brand name reproduction furniture from Statton, Madison, Ethan Allen Pennsylvania House, Thomasville etc in Mahogany Cherry, and Oak woods

FURNISHINGS: Statton Cherry dining room suite consisting of corner cupboard, table with 6 chairs, buffet, and server all Queen Anne Style and like everything, in very good condition, Butler's chest, Wall units with drawers Chippendale style camel back sofa Wing chairs, Williamsburg ladies' desk, Drop leaf end tables, Coffee table, Fern stands, Shadow box, Butler's table, Gold leaf mirror, The following in charter Oak selection from Ethan Allen, Trestle table Matching sofas, Chairs, Ottomans, End tables, Nest of tables, Glass top table, Slant front desk with leaded glass bookcase top, Large bookcase wall unit with leaded glass doors, Round pedestal table with captain's chairs, Glass top coffee table, Maple gun cabinet, Several dog and bird prints, Hunt prints from Cornwall, Brass desk set, Brass lamps, Imported glass, Williamsburg trivets, Brass fox hunt horn, Brass and copper ships lantern, Mirrors, Seven piece Maple breakfast set Five piece bedroom set by Thomasville, Maple dresser and mirror Cherry end table, 7 piece Ethan Allen bedroom set consisting of bookcase top dressers Corner desk, and Trundle bed, 4 matching captains' chairs Small appliances, Amana radarrange micro wave oven, Frigidaire 20 cu ft chest freezer, Swivel bar stools Various bar accessories Wine rack, 3 piece sectional den set, Hardin chairs and ottoman, Dehumidifiers, Drafting table, 30 gal saltwater aquarium Samsonite card table and chairs Deerfoot lamps and ashtrays 4 piece wood lawn furniture set Greenhouse window unit **BRUNSWICK 5'x9' GOLDCUP TOURNAMENT POOL TABLE** complete with cues racks etc, Brunswick air hockey **HOBART COMMERCIAL MEAT GRINDER AND SLICER**

ANTIQUES 1907 Hardware store oak wall units approximately 9 high with shelving and multiple drawers/bins Victorian interior doors Pulleys Steamer trunks Ice cream scale Early Coca Cola signs Antique window sash Depression glass Sterling silverware Sterling candlestick holders Eight matching brace back Windsor Chairs Apothocary jars wooden tool box Four piece cast iron lawn furniture (grape pattern)

GUNS and SPORTING EQUIPMENT Smith & Wesson 357 Magnum model #27 6 barrel Smith & Wesson 44 Magnum model #29 chrome 6½ barrel in wood presentation box Winchester repeater 3855 cal rifle model #94 with saddle ring Paul Jaeger 7x57 Mannlichter lefthand Remmington action Leupold scope 1' 5 fancy custom engraved grip cap steel trigger guard Paul Jaeger custom 7MM magnum FN action left hand stock Douglas supreme barrel with Leupold scope Custom Paul Jaeger lefthand Remington action 280 caliber Douglas barrel steel floor plate with Leupold scope LeFever side by side 20 gauge field grade shot gun Stevens (crack shot) 22 gauge rifle, Waffenfabrink (Bern M78) Spanish American vintage rifle plus ammunition reloading equipment, Bench, R C B S powder measure, Brass case tumbler, Saltwater and freshwater fishing equipment, Taxidermy tools, Decoys, Animal traps **Zebra skin rug (museum piece), Bear skin, Sail fish,** plus other mounted pieces

FARM EQUIPMENT and TOOLS-VEHICLES Gravely 816 Tractor with 50" mower deck, New Holland feeder bin wagon (without running gear), Flotation farm wagon wheels and tires FMC 300 gallon sprayer with booms, Portable generator, Self feeding bins for cattle gates, **Adult English saddles, Child's Stubben-Rex saddle,** Leather saddle bags, Bridles, Bits, Halters, Cruppers Cattle show halters, Show sticks Miscellaneous show equipment, Fenchchar ger Feed buckets, 18 foot aluminum boat, Portable sand blaster, Battery charger, Butcher's gamble Skill saw 7¼", Electric drills, Aluminum extension ladder Log chain, Axes, Saws, Bench grinder, Anvil, Wheelbarrow Electric wire and much, much more!!

1940 & 1941 Plymouth 2 door Coupes, 1975 Kawasaki 90cc Motorcycle

Auctioneer's Note: Mr. and Mrs. Berry have sold their home and are moving to smaller quarters. Mr. Berry, being a great outdoorsman, has a large variety of sporting equipment. Everything is top quality with many items not listed. Come see for yourself!! Sale held rain or shine under tent!! We will sell with two auctioneers...Farm items at approximately 1:00 p.m.

Terms and Conditions by:
MR. AND MRS. CHARLES BERRY:
Cash or Approved Check
★ KEN REED, Auctioneer ★
APPRAISALS • ESTATES BOUGHT AND SOLD • LIQUIDATIONS • CONSIGNMENTS TAKEN
401 Main Street, Royersford, PA 19468 (215) 948-4871
PA #AU-001658-L ***Refreshments Available***

PUBLIC AUCTION

1 OWNER
GUN COLLECTION
JOHN DERR FLINTLOCK, WINCHESTER, REMINGTON PARKER, L.C. SMITH, CHARLES DALEY, MARLIN FOX, BROWNING, SAVAGE

FRIDAY, JUNE 7, 1985
at 6:30 P.M.
Sale held indoors at the Virginville Fire Hall located off Rt. 143 between Lenhartsville and Moselem Springs, Berks Co., Pa.

signed JOHN DERR FLINTLOCK w/fancy brass patchbox (rare) RIFLES-(3) model 14 REM. 32 cal., (2) model 14 REM. 35 cal., (4) model 141 REM. 35 cal. 2 w/scopes, model 700 REM. 7 mm mag. w/scope, model 700 REM. 270 cal., model 700 REM. 22-250 w/scope, model 700 REM., 7 mm w/scope, model 721 REM. 30-06 cal., model 760 REM. 270 cal., model 760 REM. 35 cal. w/scope, model 788 REM. 222 cal. w/scope, model 572 REM. 22 cal., model 52-IT REM. Jr. Special 22 cal., REM. 22 pump, REM. single shot 32 cal. w/fallen block, model 70 WIN. 300 mag. w/scope, model 43 WIN. 22 Hornet w/scope, model 94 WIN. 30-30 cal., model 70 WIN. 30-06 cal. w/flip scope, model 55 WIN. 32 cal., model 62-A WIN. 22 cal., model 67 WIN. 22 cal., model 90 WIN. 22 cal. w/octagon barrel, model 60 MARLIN 22 cal. semi. auto., STEVENS 22 cal. pump, model 42-MB MOSSBERG 22 cal., model 640-KD MOSSBERG Chuckster 22 mag. w/scopeoctagon barrel 32 cal. w/fallen block, octagon barrel 22 cal. w/fallen block, model 99 SAVAGE 300 cal. w/scope, SAVAGE Sportster 32-20 cal., SIMESE MOSER 1890 8 cal., HAWKEN 54 cal. flintlock, SHOTGUNS- (2) model 12 WIN. 12 ga., model 12 WIN. 12 ga., model 1897 WIN. 12 ga., model 1300 WIN. 12 ga., (2) model 1200 WIN. 12 ga. w/vent, rib, model 870 REM. 12 ga. w/vent. rib, model 10-A REM. 12 ga., L.C. SMITH 12 ga. dbl. barrel, L.C. SMITH Olympic Trap 12 ga. single barrel w/vent, rib, L.C. SMITH Perialty Trap 12 ga. single barrel w/vent. rib, L.C. SMITH 12 ga. w/demascas barrel, Light Twelve BROWNING 12 ga. semi. auto. w/vent. rib, BT-99 Special BROWNING 12 ga. Trap, FOX Sterlingworth 12 ga. dbl. barrel, PARKER 12 ga. dbl. barrel, SPRINGFIELD 12 ga. dbl. barrel, CHARLES DALEY 12 ga. O/U, AMERICAN Gun Co. 12 ga. dbl. barrel hammer, N.R. DAVIS & SON 16 ga. dbl. barrel, model 311 STEVENS 410 ga. dbl. barrel, model 124 STEVENS 12 ga., model 59 MARLIN 410 ga., model 183-T MOSSBERG 410 ga., TRYSON 12 ga. dbl. barrel, model 37 ITHACA Featherlight 16 ga., PISTOLS-SMITH & WESSON 41 mag., model 29 SMITH & WESSON 44 mag., SMITH & WESSON 357 cal., SMITH & WESSON 22 cal., gun supplies.

Terms: Cash. No Pa. personal checks without recent bank letter of credit. No out of state checks accepted.
Owner Will Be Revealed At Auction

Auctioneer:
Dennis F. Wagner
AU-001427-L
Phone: (215)562-7445
Brian R. Folk, App. Auct.
AA-001494-L
Refreshments Available

PUBLIC AUCTION

SATURDAY, JUNE 8, 1985
AT 10:00 A.M.
Located In R.D.#1 Millersburg, PA. Approximately 3 Miles East Of Millersburg, On Route 209, Or 5 Miles West Of Elizabethville On Route 209 And ½ Mile North On Landis Drive At The Free Grace Church. (Watch For Sale Signs The Day Of Sale.)

FARM MACHINERY

CODE. JD, John Deere; NI, New Idea; DB, Deerborn.

JD 720 diesel tractor, JD 3020 tractor with cab, JD 16" 3-bottom plow, JD 14" 3-bottom plow, JD 16" 4-bottom trail plow, JD 14' transport disc, JD 9-shovel field cultivator, JD 3-section level harrow, NI 279 9' hay cut conditioner (like new), JD 640 hay rake, JD 24T baler with thrower, JD 14T baler, DB hay rake on rubber, two high rack hay wagons, JD 246 3-point two-row corn planter, JD (B) quick attack cultivator, JD #10 flail chopper, New Holland 6' forage harvester, International 5' PTO forage harvester, International 51 forage wagon with JD running gear, New Idea 101 PTO 2-row pull type corn picker, Hayoleen silo blower, JD 33 PTO manure spreader, 2 flatbed wagons, dump wagon with David Bradley running gear, army flat-bed wagon with 2-end steering, Brillion 9' cultipacker, JD 8' disc, Deerborn 3-point 16' weeder, Oliver 4-section lever harrow, King 32" hay elevator, Cardinal 16' grain elevator, New Idea ground scoop, 4 Minneapolis Moline (model L) unit tractors (2 with corn pickers), 10" PTO post hole digger, cement mixer, Wisconsin model V54 engine, power unit 9E95B run with 4-cycle Willy's engine, Midland railroad scoop, 2 tractor rims 15-15x38 for John Deere, 2 new 15-15x38 tractor tires, truck chains, etc.

MACHINERY FOR PARTS

4 John Deere model A tractors (all nearly complete), John Deere 17-hoe grain drill, John Deere manure spreader, tank spreader (tank OK), lime spreader, International manure spreader, Minn Moline corn picker and sheller, John Deere #15 flail chopper and others

HAY AND CORN

2 mows of mixed orchard grass and altalfa hay, approximately 10 ton of ear corn

TRUCKS

1964 Willy's 4-wheel drive pickup truck with 7 ft snow blade (running and inspected); 1948 Chevy 2-ton dump truck (as is); Craftsman 8 HP riding mower with 36" mower

SAWMILL

One-man Bellsaw saw mill. SPECIAL NOTE Saw mill is located at a different location Suggest you inspect before the day of sale Will be offered from site of sale FOR INSPECTION OF SAWMILL call 692-4971

BUTCHER & DAIRY EQUIPMENT

2 copper kettles, copper kettle with 4 star paddle, iron kettle, Universal #805 meat grinder, Universal #22 meat grinder, Enterprise #52 meat grinder on stand, sausage press, Surge 3-unit milk pump, Surge 2-unit milk pump, 3 DeLeVal Milker units, Deval stainless steel double tub, 4-can water spray milk cooler, 18 milk cans, cow slippers, large barn fan and other items

FARM ACCESSORIES

PTO wrench, Dayton fifth wheel, 2000 gal. oil tank, 250 gal overhead gas tank, windmill gear box fan and blades, 3 dump truck hydraulic cylinders, telescope hydraulic kit for dump truck, 2 hydraulic loader cylinders, Meyers deep-well pump jack, 2 sections of wooden pump pipe, water ram, 5 steel beams, 16'x10" lengths of 4" & 5" flat iron, 2 doz. steel eye beams (7½'), several 10' channel iron (3" & 4"), 2 cast porch posts (8'), 12 sections of curved steel guard rails and other rails, approx. 1 doz railroad ties, numerous section of ½" galvanized pipe, electric fence wire, some farm tools, numerous pounds of scrap iron and other items too numerous to mention.

SALE WILL BEGIN WITH A FEW SMALL ITEMS LARGE EQUIPMENT WILL BE OFFERED IMMEDIATELY. Please be prompt.

CASH & CERTIFIED CHECKS ONLY; Personal checks of established credit will be accepted or if known by auctioneer or owner.

Owners
MR. & MRS. EARL RAKER
Edwin Shoop, AU-000A42-L
Phone 717-896-8305
David Deibler, AU-001213-L
Phone 717-896-8530
Auctioneers
FOOD WILL BE AVAILABLE

LARGE OUTSTANDING

PUBLIC SALE

VALUABLE REAL ESTATE BEAUTIFULLY SITUATED 5 ACRE FARMETTE

HUNDREDS OF NICE EARLY ANTIQUES & MODERN HOUSEHOLD

ALICE M. LORY ESTATE

MONDAY, JUNE 24, 1985

AT 9:00 A.M. SHARP

Will be held at the decendents late residence located along Route #94 (North Main Street) in the Borough of York Springs Adams County, PA (House #423).

1:00 PM — REAL ESTATE — 1:00 PM

All that certain 5 Acre farmette lying and being at the aforementioned location fronting on Route #94 412 ft and on The Idaville Road for 579 ft Erected thereon is a 2½ story 8-room 1½ bath dwelling having aluminum storm doors and windows, city utilities, electric heat First floor consists of a kitchen, with built in cupboards, dining room living room, Sitting room ½ bath, foyer open stairway, front & rear porches and attached frame utility room Second floor has 4 bedrooms, full bath, storage attic, basement w/cement floor An adjacent frame laundry building contains a basement with cemented spring of water Other buildings include a 20'x34' 3 bay garage & attached shed, A large equipment building and a 2 story poultry house All structures have good metal roofs Also on lawn is a never failing piped spring of water This home has a beautiful lawn, large english walnut trees and other shade trees Approx 3½ acres of good clean prime land lies along Idaville road

NOTE This is a well maintained home and with the acreage interest for future potential should be noted

INSPECT ON BY APPOINTMENT ONLY Phone 717-528-4725 after 5 00 PM

10% WHEN STRICKEN DOWN WITH BALANCE IN 30 DAYS WITH FULL POSSESSION Other terms will be announced day of sale

ANTIQUES Walnut 3 over 2 over 4 high chest with plain ends chambered corners and brass nice 2 Pc Curly maple dutch cupboard top with 2 glass doors & 4 spice drawers base has 3 drawers & 2 doors pewter shelves Walnut 2 pc 2 glass doors corner cupboard base has 1 drawer & 2 doors Fine 6 drawer curly maple stand dovetailed drawers, Maple rope bed with canopy nice 3 Walnut 2 drawernite stands 1 a dropleaf, all w/dovetailed drawers, Cherry 2 drawer nite stand with rope twist legs, 4 Sec walnut bookcase 2 Organ stools ½ walnut sheridan twin table Empire bureau, Sideboard, Washstand, Oak high chair Childs rocker, 2 pieces rock maple, vanity dresser & chest of drawers, Curly maple washbowl stand, Orig decorated ½ spindle arrowback Windsor arm chair, 7 Spindle Windsor side chair, Sewing rocker, Trunks, flat & camelback, 5 Lad derback rush seat rockers, 2 Butterfly Windsor chairs, Nail kegs, 3 tier brass chinese flower stand, Magazine stand, 9x12 Rug, 2 Student lamps, 1 double & 1 single, 14 Lovely jewelry boxes, large & small, rose pattern, etc , Walnut wall rack w/buttons, Corner what-not, New Haven mantle clock, walnut case, Wall clock, Coffee grinder, Comb case, 6 beaded pocketbooks & chain handbags, Sheridan looking glass with painting, Sugar bucket, Baskets, Walnut shaving chest w/mirror, 4 Bracket lamps with mercury shades, Nice Columbia kitchen range with gray trim, Brass clothes tree, Brass sleigh bells, 3 Harness chime bells, Woodware, Tinware (6 Unusual pieces,), 7 Copper Tea kettles & coffee pots, 7-Spindle dbl rail duckbill Windsor chairs, Curly maple blanket chest, Iron toys including horse & stick wagon, Lanterns, scout & barn, railroad, Granite & enamelware, Many pieces of carnival including 4 car vases, 7 pc dark, 12 pieces Norwood, dark & light 12 miniature lamps, Several rose bowls and vases lacey diamond water set, Brass candle holders w/slides, Roseville pottery, Pressing irons, Copper washboiler, Oil heater, Copperlustre pieces including 17 pc tea set, 2 pitchers, etc , 2 Washbowl & pitcher sets, Hames, Milk glass including dresser sets and lattice pieces, Frosted pieces, Turrines, cats, praying hands, swan, etc , Many pieces ruby & souvenir glass including water sets, Leedsware, blue, Willowware, Stoneware Cruets, Many chickens glass china, etc , Mustache cups, Bavarian china, Shirley Temple cup, Blue satinglass rose bowls, Whale oil lamp, Amber 2 panel fruit bowl & horse, Gaudy plates, Eye wink jug pitcher Fostoria cake stand, Goblets, Softpaste, Stoneware, Rosettes, Pictures & frames, Doll, Spring scales, Trivets Tapestries, Ironstone, also many many pieces of glassware and china too numerous to mention due to quantity & congestion

MODERN ITEMS Frigidaire 16 5 cu ft side by side refrig /freezer, Avacado, nice, Appt size electric stove Avacado, Sylvania 23" Color Television, Zenith portable television, Eureka upright sweeper Cedar wardrobe Sofa, Easy chair, Maple bed w/box spring & mattress, Stainless cookware, Revereware Nice set of dishes

NOTE The above is one of the finest lifetime collections of antiques to be seen for many years Plan to attend

TERMS: Cash or personal checks with approval Out of state checks accepted with proper identification or letter of credit. (Personal property)

Furniture Will Be Sold After Real Estate

RUTH WILLIAMS, MARY SPECK & ESTHER JACOBS, Executors

CLAIR R SLAYBAUGH, Auctioneer
Idaville, PA Phone: 717-677-7479
License: 856L

PUBLIC AUCTION

COMMERCIAL REAL ESTATE, ELEC. EQUIP. & ACCESSORIES

SATURDAY, JUNE 8, 1985

9 A.M.

¼ mile E. of Palmerton along Aquashicola Rd.

Hobart & Bumble Bee Welders, L. Robbins 12" Swing Lathe, Tools, 1951 Ford w/Auger and real seal, PTO engine, 1954 Chevy ladder truck, 1961 Chevy walkin, 1965 GMC w/asplundh line list 40' Cherry picker, 1967 Int. 6000, orig. miles, 1969 Ford walk-in van w/1KW generator, 15' Fruehauf office w/1KW power unit, 2 wheel dinky trailer, 1973 220 diesel Mercedes, 1967 BNW Coup, 1976 Renault, 60 Watt Motorola communications system w/base station and 2 way car units, computer and office equipment.

Full line of modern commercial electrical equipment and tools. Large sale.

KRESGE ELECTRIC

Curt, Doug & Tom Houser, Auctioneers
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Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

SAT JULY 20 - 9AM Hshld. Goods, Antiques. 1531 Manheim Pike, Lancaster, PA For Clyde Keener. C.H. Wolgemuth & Sons Auctioneers

SAT JULY 20 - 9 30AM Public Sale of Brick Home, Antiques, Car, & Personal Property Located Midway between Bowmansvills & Shillington 1 block off Rt 625 near Heilmans Gas Station in Brecknock Twp , Berks Co. Terms by Elwood & Webster Lorah P.O A for Milton Lorah. Auctioneer LeRoy S Horst.

SAT JULY 20 - Equip. & Vehicles For Bell of PA, Trevose, PA Vilsmeier Auction Co., Inc

FRI JULY 26 - 5 30PM Gap Auction. Antiques & Hshld Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Mkt , cross RR bridge Ira Stoltzfus & Son, Auctioneers

SAT JULY 27 - Geet Ministries Martin Sale Barn Steve Petersheim, Auctioneer

SAT JULY 27 - 11 AM Horse Sale Keister's Middleburg.

SAT JULY 27 - Equip / Vehicles. For PA Power & Light, Allentown, PA Vilsmeier Auction Co , Inc

AUGUST

FRI. AUG 2 - 9 AM Farm Equipment New Holland Sales Stables, Inc , Auctioneers

FRI AUG. 9 - 1 30 PM Public Auction of PA State Graded Feeder Pigs Carlisle Livestock Market Inc Exit 12 off I-81 717 249-4511

FARMERSVILLE AUCTION

TUESDAY, JUNE 4, 1985

9:00 A.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

General Household Goods Sale

See Sat. Lancaster Newspaper for full listing.

WE SELL ON COMMISSION

Call **JOHN J. RUTT** 354-5095

Auctioneer Lester Weaver
AU-982-L

NEW HOLLAND SALES STABLES

Annual

Registered Heifer Sale

SATURDAY, JUNE 8, 1985 10 A.M.

Approx. 300 Head Selling (all ages)

Sale Barn Located 12 Miles East of Lancaster PA

Many High Quality Animals Are Consigned To This Sale With Full Pedigrees

Complete Heifer dispersal:

46 head consigned by Bright Meadow Farm. Rolling herd ave. over 18,800m & 690F. Classification 4 Excellent, 30 Very Good, 14 Good Plus for a BAA of 105.5%.

Sires of Heifers include:

Astronaut, Chairman, Jet Stream, Spirit, Valiant, Wileeda and Tony.

Some Highlites include:

1. A Valiant calf from Ex Dam 4 yr. old rec. 22,600 - 785F, next 2 dams V.G. up to 27,800M & 909F.
2. Spirit born Jan. from Ex Dam with 19,000M & 4.5% 853F.
3. Fancy 2 yr. old Jet Stream sells fresh. Her Dam Ex with 28,890 & 872F, next Dam V.G. 2nd Dam Ex over 19,000M & 800F.
4. Tony born Oct. Her dam a V.G. Triple Threat 18,516M & 843F.
5. Royal Stewart 2 yr. old. Dam V.G. with 23,000 & 1032F. GR Dam Ex with 20,380 & 800 fat. Consigned by Danny Albright.
6. 2 yr. old Bell dau. due July. Has Jemini Dam. Gr. Dam G.P. Elevation 27,669M & 1090F.

Consignments by:

Dan Albright, Kelly Bowser, Stone Hurst Farm (25 head), Duane Richards, Bright Meadow Farm (46 head), Stephen E. Stoltzfus and other local dairyman with good producing herds.

Several breeding age Bulls sold at noon.

Sires Represented are:

Valiant, Chairman, Columbus, Jet Stream, Astronaut, Wiseman, Sexation, Bell, Tony & more. Many with high class Dams.

Most heifers Vacc. & tested for out of state shipment.

— Sale Starts 10 AM — Bright Meadow Farm Heifers 11 AM — Fresh Heifers And Bulls After 12 Noon

Sale Managed by

NEW HOLLAND SALES STABLES, INC.

For More Information Contact:

Abe Diffenbach 717-354-4341 barn office or Norman Kolb — 397-5538

Pedigrees — Henry Kettering

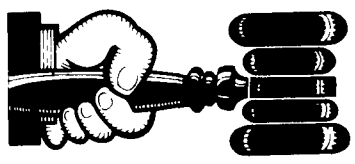
Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

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- LIVESTOCK MACHINERY
- MAILING LIST AVAILABLE

We are now listing Fall Sales.

SAT AUG. 10 - 12 Noon Sixth Prince Plaudit Production Sale Rimwold Ranch, Strattanville, PA Appaloosa Horses. Dave Seahlman, Owner Red Carpet Horse Sale, Inc.

FRI. AUG 16 - 6.30 PM Feeder Pigs & Feeder Cattle Keister's Middleburg

SAT AUG. 17 - 9 AM Annual Consignment Sale of Kutztown Fire Co at the Firehall 1½ mi. N. of Myerstown on Rt. 645. Local Auctioneers. Henry Brubakr, Chairman 717-866-2702.

SAT AUG 17 - 10AM Farm Eq., Tools & Hshld Arthur Staver, Shippensburg, PA, Owner. Sensenig Auctioneers

SAT. AUG. 31 - 11 AM Horse Sale. Keister's Middleburg

SEPTEMBER

FRI SEPT. 6 - 7 PM Holstein Promotion New Holland Sales Stables, Inc , Auctioneers

FRI SEPT 6 - 9AM Fall Consignment Sale of Farm Mach. at the Belleville Livestock Mkt. 717-935-2146. Glick, Gibboney, Gilligan, Auctioneers.

FRI SEPT 13 - 9 AM Farm Equipment. New Holland Sales Stables, Inc., Auctioneers.

FRI. SEPT. 13 - 1:30 PM Public Auction of PA State Graded Feeder Pigs. Carlisle Livestock Market Inc. Exit 12 off I-81 717-249-4511.

SAT. SEPT. 14 - Honey Brook Fire Co. Quilt Sale. Steve Petersheim, Auctioneer.

FRI. SEPT. 20 - 6:30PM Feeder Pigs & Feeder Cattle. Keister's Middleburg.

SAT. SEPT. 28 - 10 AM Fall Heifer Sale. New Holland Sales Stables, Inc., Auctioneers.

SAT. SEPT. 28 - 12 Noon- Red Carpet Catalog Reg. Horse Sale. Cambria Co. Fair Grounds, Ebensburg, PA Red Carpet Horse Sale, Inc.

SAT. SEPT 28 - 11 AM Horse Sale Keister's Middleburg.

OCTOBER

WED OCT. 2 - 9 30AM Annual Dairy Show & Sale. Located Belleville Livestock Mkt., Inc. 717-935-2146 Mark Glick, Auctioneer

SAT. OCT. 5 - 9 AM Red Carpet Fall Draft & Driving Horse Sale- Cambria Co Fair Grounds, Ebensburg, PA

FRI. Oct 11 - 1 30 PM Public Auction of PA State Graded Feeder Pigs Carlisle Livestock Market Inc. Exit 12 off I-81 717-249-4511

FRI OCT. 18 - 6 30 PM Feeder Pigs & Feeder Cattle. Keister's Middleburg.

SAT OCT 26 - 11 AM Horse Sale Keister's Middleburg

WED. OCT 30 - 9 AM Dairy Show. New Holland Sales Stables, Inc

NOVEMBER

FRI NOV 1 - 6PM Fall Heifer Sale at the Belleville Livestock Mkt Selling heifers of all sizes, some Registered. Mark Glick, Auctioneer

SAT NOV. 2 - Hubert '85 Production Sale. Located at the ranch, Monument, Kansas Buzz Garey, Manager.

FRI NOV. 8 - 9 AM Farm Equipment. New Holland Sales Stables, Inc , Auctioneers

FRI. NOV. 8 - 1:30 PM Public Auction of PA State Graded Feeder Pigs. Carlisle Livestock Market Inc Exit 12 off I-81. 717-249-4511.

FRI. NOV. 15 - 6:30 PM Feeder Pigs & Feeder Cattle Keister's Middleburg

SAT NOV. 30 - 11AM Horse Sale Keister's Middleburg

DECEMBER

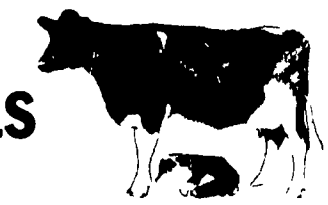
FRI. DEC. 13 - 1:30 PM Public Auction of PA State Graded Feeder Pigs Carlisle Livestock Market Inc. Exit 12 off I-81. 717-249-4511.

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

Dairy and Livestock Sales

2 COMPLETE HERD DISPERSALS FOR



MR. & MRS. ISAAC HOSTETTER
Quarryville, Pa.

&

MR. & MRS. RALPH RICE
Whiteford, Md.

At
Shady Lane Dairy Sales, Inc., ¼ mile west of Quarryville off Rt. 372 on Oak Bottom Rd.

100 HEAD OF REG. & HIGH GRADE HOLSTEINS
FRIDAY NITE JUNE 7, 1985, 7:30 P.M.

Herd Consists of approx 45 Mature cows and milking heifers Several recently fresh & milking between 75 and 100 pounds Herd bred for year round freshening Mostly home raised with excellent size & type. "Special mention of 2 stock bulls ready for service in the herd "

Also six springing first calf heifers due in June & July from Edwood Fisher, Phoenixville

Complete herd of Mr & Mrs Ralph Rice of Whiteford, Md Majority fresh or due by October Many summer & fall cows

Sale Managed By

SHADY LANE DAIRY SALES, INC.
Rd 4 Box 463
Quarryville, Pa. 17566

OWNER'S

GLENN D. FITE 717-786-2750
DAVID L. FITE 717-786-1725

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If you are thinking of buying or selling on dispersal contact us, no one can match our experience or facilities.

Sonlight* Holstein Farm Dispersal

FRIDAY, JUNE 14, 1985
11:00 A.M.

★ AT THE NEFF FARM

Directions: Route 30 East at Guernsey Barn take 896 South to Strasburg, left at light, follow 741 East approx. 2 M. to Esbenshade Road & Right. Farm on Right.

DTERS. OF SIRES SELLING: 5 Valiant, 3 Elevation, 13 Columbus, 4 Mars Tony, 3 Pete, 7 Persuader, 8 Chairman, Arlinda Chief, Bootmakers, Etc.

SERVICE SIRES: Tony, Columbus, Chairman, Stewart, Etc.

HIGHLIGHT

4 E.T. Full Sisters By Valiant

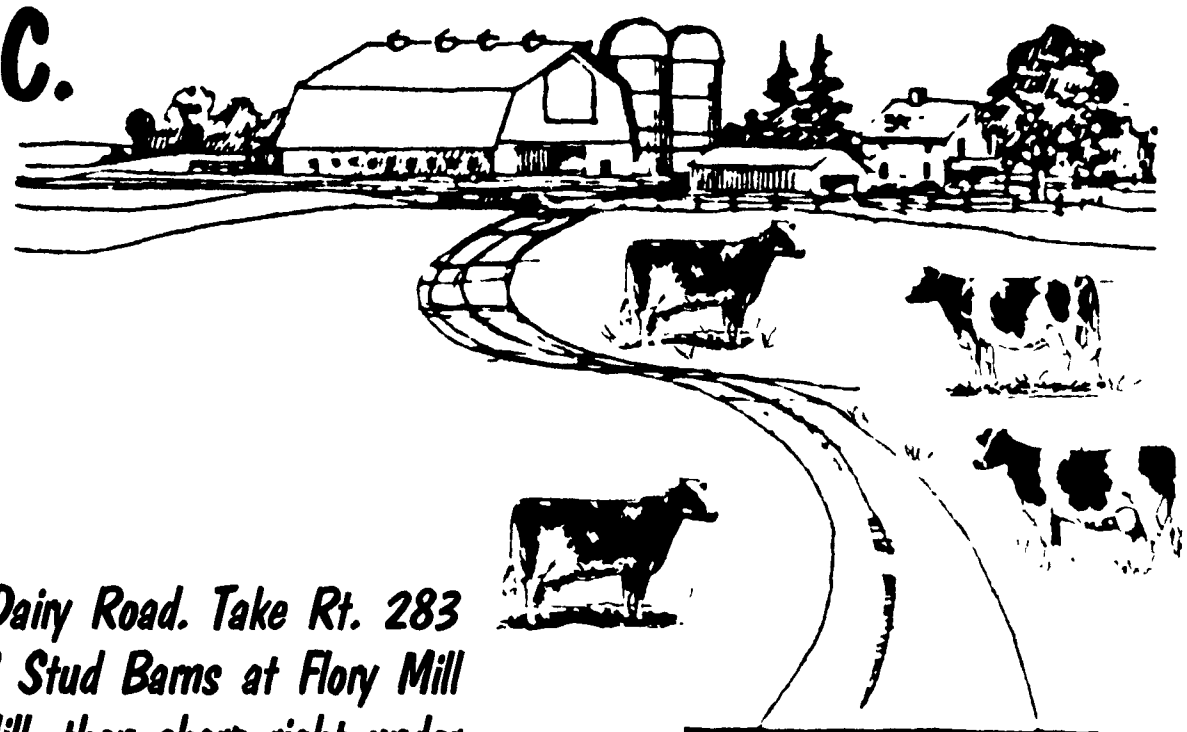
1) GP	82	359d	20,523	4.2	861	Due 8/15 Columbus
2) GP	82	304d	17,947	3 9	700	Bred to Bova
3) GP	81	312d	17,591	3.5	612	Bred to Columbus
		301d	14,993	4.0	601	Fresh Milking 91 Lbs.

* Formerly Don-Mel Acres

★ SEE NEXT WEEKS AD FOR FULL DETAILS ★

MEL KOLB, INC. Sale Manager
(717) 569-6800/2106
Owners: Donald & Doris Neff & E.M. Associates
Ness Res. (717) 687-6035

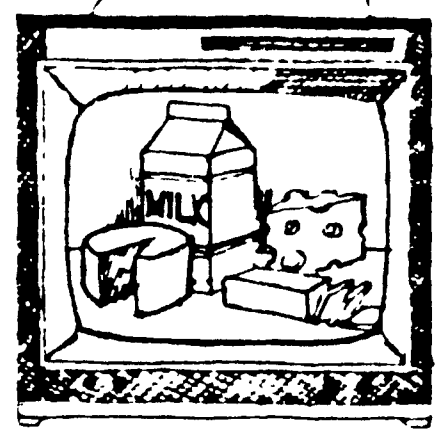
MELVIN KOLB, INC.



SPECIAL JUNE DAIRY MONTH SALE

LOCATION: West of Lancaster on Dairy Road. Take Rt. 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd., turn left after exiting, go to Mill, then sharp right under railroad bridge. Barn is within sight of Rt. 283.

THURSDAY NIGHT, JUNE 6th, 1985 AT 7:30 P.M.



DAIRY PRODUCT DOOR PRIZES TO BE GIVEN TO REGISTERED BIDDERS!

SPECIAL TREAT FOR ALL DAIRYMEN: PIG ROAST-6:00 P.M. TILL ?
150 HEAD SPECIALLY SELECTED FOR THIS SALE
-75 PUREBRED & 75 GRADES-

35 Head of Grade Cows picked from good herds in New York State, just fresh within 2 weeks, milking from 80 to 113 lbs. per day.
20 Head of fancy Grade 2nd & 3rd calf springers.
20 Good Big Grade 1st calf heifers--fresh & springing.
75 Head of Purebred Cows & Heifers--fresh & springing.

SAMPLE OF PUREBREDS

A BELL dau. just fresh, dam GP-83 23,740M 3.8 892F, next dam EX with 25,200M & 833F.
A KINGWAY ELEVATION VERY Son, dam GP with 29,300M 3.5 1013F, next dam 25,590M & 757F.
A FULTONWAY KINGPIN ALNAT GINGER dau., dam VG-88 SUPERIOR dau., 339d 32,404M 3.8 1224F, 2nd dam GP ELEVATION dau. with 20,970M 3.8 805F.
A TULLANDO ELEVATION SKY HIGH Son, dam GP-83, ARLINDA CHIEF dau., index +1334, 365d 29,972M 3.7 1116F--was High Cow for Milk & Fat in 1981 & 1982 in State of Va., next dam GP-84 Elevation dau. with over 30,000 lbs. milk.

LIST OF OTHER TOP COWS SELLING--PEDIGREES AVAILABLE ON SALE DAY:

A 3 yr. old VG-85 CAL-CLARK BOARD CHAIRMAN dau.; a 5 yr. old VG-88 TRIPLE THREAT dau.; a 3 yr. old S-W-D VALIANT dau.; a 3 yr. old HILLHAVEN STANDOUT JOB dau.; a 3 yr. old TRIPLE THREAT dau. (1st 2 dams both VG); a 2 yr. old ROY TEMPTATION dau.; a NELACRES JOHANNA SENATOR dau.; a KINGWAY ELEVATION VERY dau.; a 3 yr. old QUALITY ULTIMATE dau.; a 3 yr. old SEILING ROCKMAN dau. from SENATOR dam; a FLEETRIDGE MONITOR dau. VG-86, bred to IRA--due at sale time; a WOODBINE MILKMAN dau. VG-86; and many more! Catalogs for the Purebreds available on sale day.

FREE TRANSPORTATION FOR LANC. CO. AMISH:
Please call: 569-2106/569-6800 by Noon Thurs.

DOOR PRIZE: PUREBRED HEIFER CALF
Must be a buyer to eligible & present to win.

FARMERS: Please do not miss this Special sale on Thursday, June 6th at 7:30 p.m. We invite you to come & enjoy yourself at our Free Pig Roast!

MELVIN KOLB. . . . . Sale Manager
ROBERT C. MULLENDORE. . . . . Auctioneer AU-000644-L
HENRY KETTERING . . . . . Pedigrees

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Now there's a silage additive made to Purina standards.

Five years ago Purina researchers set out to make a better silage additive. The result is Purina® Maxi-Sil,™ the first silage additive from Purina—made to deliver maximum silage protection for as long as you store and feed your silage.

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Whether you run a dairy or beef operation, Purina Maxi-Sil silage additive offers several major benefits for the silage you feed:

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- minimizes spoilage and waste by inhibiting the production of yeasts and molds

Purina Maxi-Sil delivers these dependable results for all types of silage, whether you store it in upright, trench, pit or bag silos. And Purina Maxi-Sil continues to protect silage in the feed bunk.

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Ask your Purina dealer for the best choice among silage additives. New Purina Maxi-Sil. Made exclusively by Purina, the name you know and trust.

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